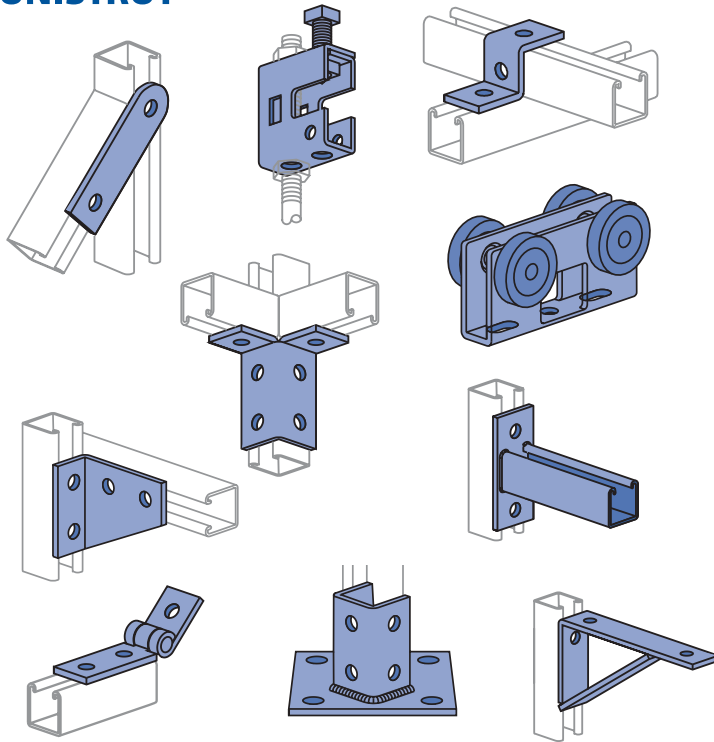




GENERAL FITTINGS



- Flat Plate Fittings 81 - 82
- Ninety Degree Fittings..... 82 - 85
- Angular Fittings 85
- "Z" Shape Fittings 86
- "U" Shape Fittings 87 - 88
- Wing Shape Fittings 89 - 90
- Post Bases 90
- Brackets 90 - 93
- Brace Fittings..... 94
- Beam Clamps..... 95 - 101
- Trolleys..... 102
- Special Application Fittings..... 103 - 104
- Seismic Retrofit Fittings..... 104 - 106

MATERIAL

Fittings, unless noted, are made from hot-rolled, pickled and oiled steel plates, bar, strip or coil, and conform to one or more of the following specifications: ASTM specifications A575, A576, A635, A1011 SS GR 33, A1011 HSLAS GR 45 or A36. All fittings meet or exceed physical properties of ASTM A1011 GR 33. The pickling of the steel produces a smooth surface free from scale.

Many fittings are also available in stainless steel, aluminum and fiberglass. Consult factory for ordering information.

FINISHES

Fittings are available in:

- Green Powder Coat (GR), conforming to commercial standards for Powder Coating

- Electro-galvanized (EG), conforming to ASTM B633 Type III SC1;

- Hot-dipped galvanized (HG), conforming to ASTM A123 or A153 and

- Plain (PL)

- Unistrut Defender (DF), conforming to ASTM A1059 or A1046

APPLICATION

All parts drawings illustrate only one application of each fitting. In most cases many other applications are possible. The channels shown in the illustrations are P1000, 1½" square, except where noted otherwise.

All ⅝" diameter holes use ½" x 1⅝" hex head cap screws and ½" nuts – P1010, P3010, P4010 or P5510 – depending on the channel used. Nuts and bolts are not included with the fitting and must be ordered separately.

DESIGN BOLT TORQUE

BOLT SIZE	¼"-20	⅜"-18	½"-16	½"-13	⅝"-11	¾"-10
Rec. Torque Ft/Lbs (N•m)	6 (8)	11 (15)	19 (26)	50 (68)	100 (136)	125 (170)
Max Torque Ft/Lbs (N•m)	7 (9)	15 (20)	25 (34)	70 (95)	125 (170)	135 (183)

SET SCREW TORQUE

BOLT SIZE	¼"-20	⅜"-16	½"-13	⅝"-11	¾"-10	⅞"-9
Set Screw Torque In/Lbs (N•m)	40 (4)	60 (7)	125 (14)	250 (28)	400 (44.5)	665 (75)

Note: Caution should be taken not to overtighten the set screw

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

DESIGN LOAD

Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 2.5, unless otherwise noted.

BEAM CLAMPS

Clamps are designed to be used with W, M, S and HP Shape beams, Standard C and Miscellaneous MC Channels, Angles and Structural Tees. Clamps must be used in pairs mounted in opposite directions where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

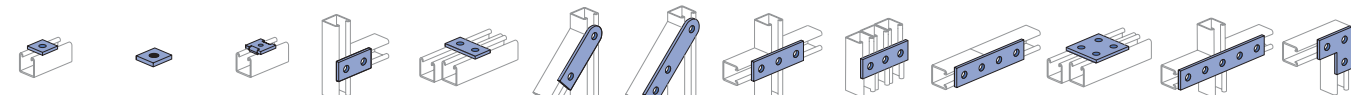
Electrical Fittings

Concrete Inserts

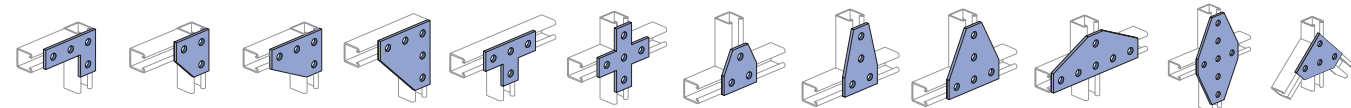
Solar

Unipier®

Flat Plate Fittings

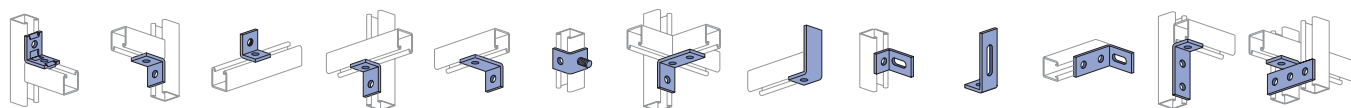


P1062-Pg 81 P1959-Pg 81 P2862-Pg 81 P1065-Pg 81 P1924-Pg 81 P2325-Pg 81 P2324-Pg 81 P1066-Pg 81 P1925-Pg 81 P1067-Pg 81 P2079-Pg 81 P1941-Pg 81 P1036-Pg 81

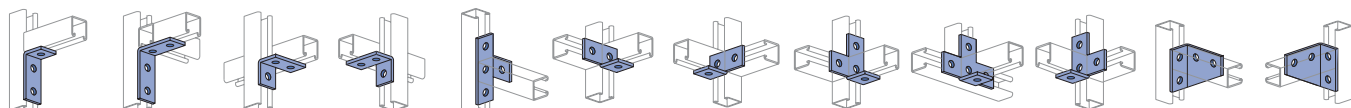


P1380 A-Pg 81 P1334-Pg 81 P1380-Pg 81 P1873-Pg 82 P1031-Pg 82 P1028-Pg 82 P1356-Pg 82 P1358-Pg 82 P1726-Pg 82 P1953-Pg 82 P1950-Pg 82 P1962-Pg 82

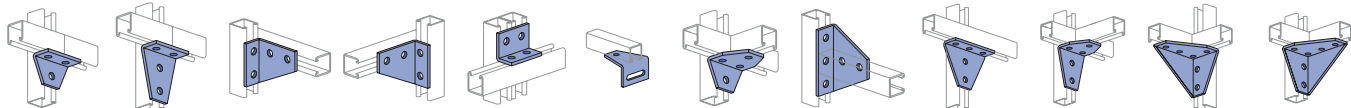
Angle Fittings



P2626-Pg 82 P1026-Pg 82 P1723-Pg 82 P1068-Pg 82 P1281-Pg 82 P1315-Pg 82 P1458-Pg 82 P1538A-Pg 83 P1750-Pg 83 P1498-Pg 83 P1747-Pg 83 P1326-Pg 83 P1821-Pg 83

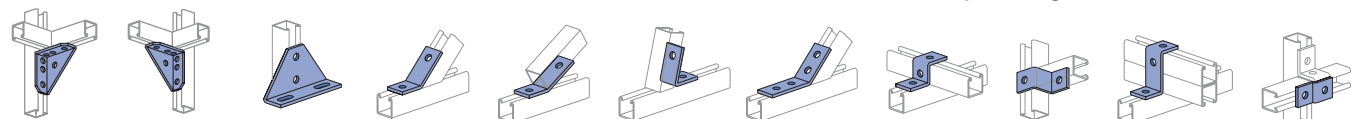


P1346-Pg 83 P1325-Pg 83 P1822-Pg 83 P1823-Pg 83 P1033-Pg 83 P1037-Pg 83 P1038-Pg 83 P1034-Pg 83 P1029-Pg 84 P1035-Pg 84 P1290-Pg 84 P1291-Pg 84

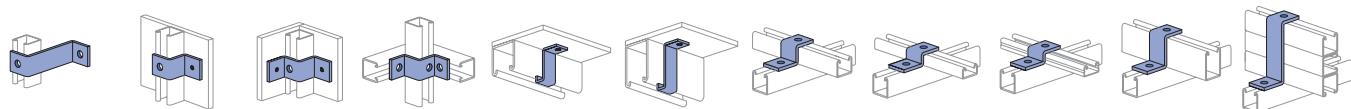


P1357-Pg 84 P1359-Pg 84 P1381-Pg 84 P1382-Pg 84 P1934-Pg 84 P1713-Pg 84 P1579-Pg 84 P1727-Pg 84 P1728-Pg 84 P2235-Pg 84 P1956-Pg 84 P1957-Pg 84

"Z" Shape Fittings

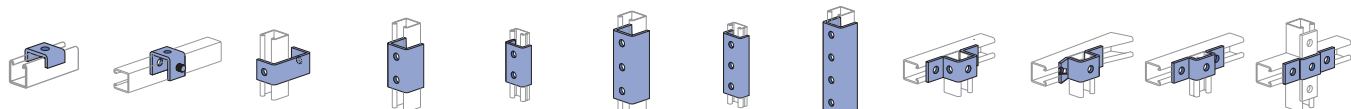


P2484-Pg 85 P2484W-Pg 85 P1130-Pg 85 P1546-Pg 85 P2101-Pg 85 P1186-Pg 85 P2260-Pg 85 P1045-Pg 86 P1347-Pg 86 P1453-Pg 86 P1454-Pg 86

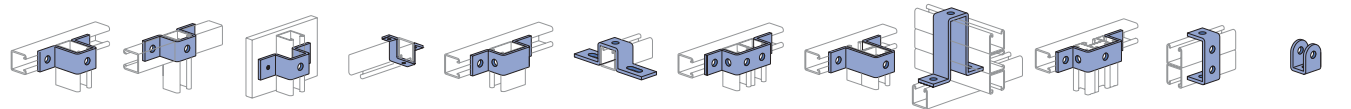


P1479A-Pg 86 P1730-Pg 86 P1734-Pg 86 P1736-Pg 86 P2360-Pg 86 P5560-Pg 86 P3045-Pg 86 P3345, P612-Pg 86 P4045-Pg 86 P5545-Pg 86 P2469-Pg 86

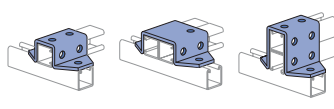
"U" Shape Fittings



P2800-Pg 87 P1320-Pg 87 P1363A-Pg 87 P1376-Pg 87 P4376-Pg 87 P1376A-Pg 87 P4376A-Pg 87 P1377-Pg 87 P1047-Pg 87 P3047, P976-Pg 87 P4047-Pg 87 P1455-Pg 87

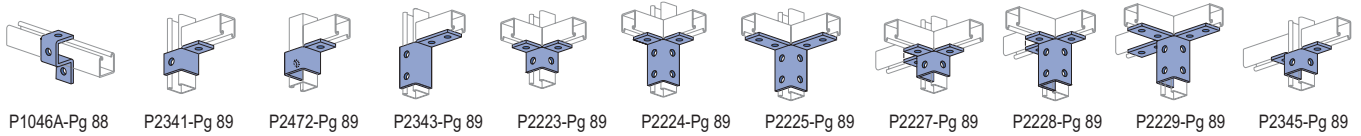


P5547-Pg 87 P1383-Pg 88 P1732-Pg 88 P2237-Pg 88 P5543-Pg 88 P1048-Pg 88 P1043A-Pg 88 P1737-Pg 88 P2473-Pg 88 P4043-Pg 88 P1044-Pg 88 P1973-Pg 88

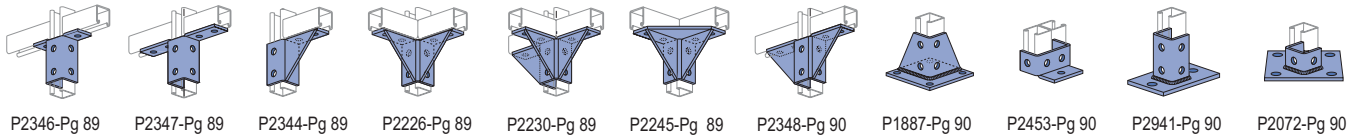


P2326-Pg 88 P2328-Pg 88 P2329-Pg 88

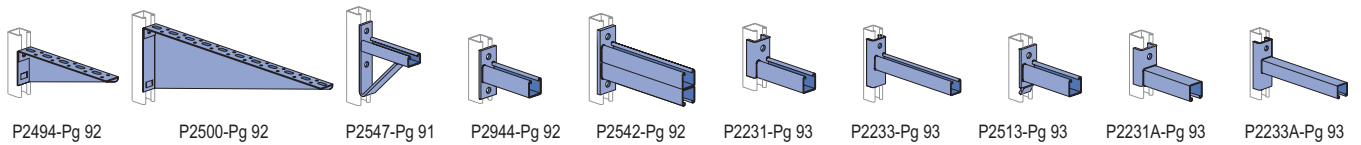
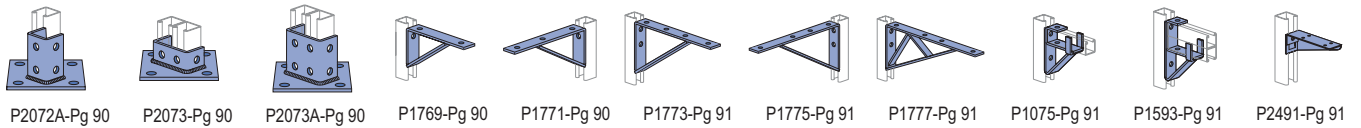
Wing Shape Fittings



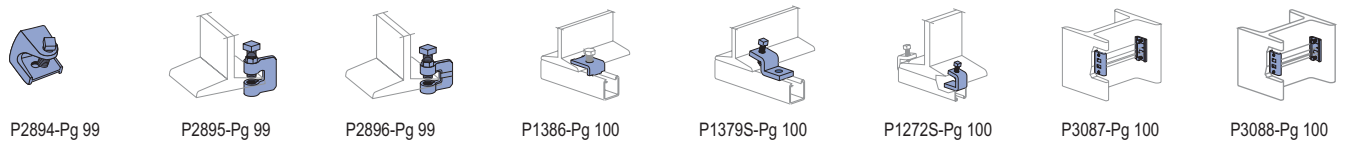
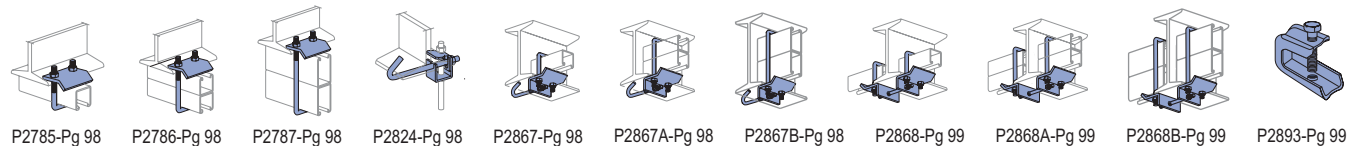
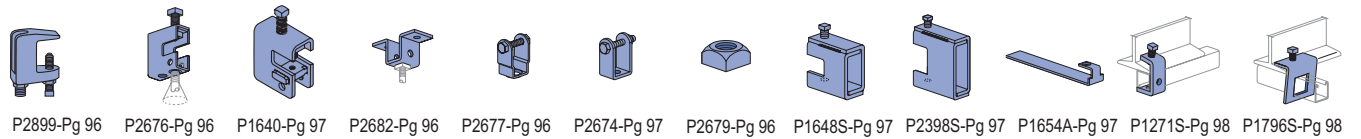
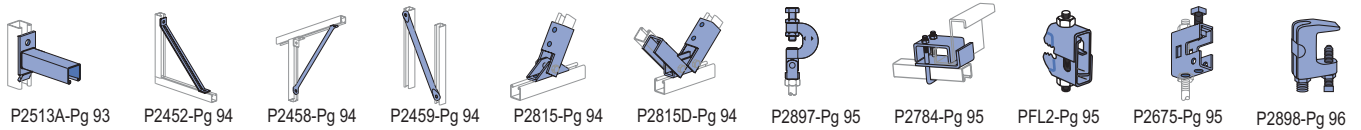
Post Bases



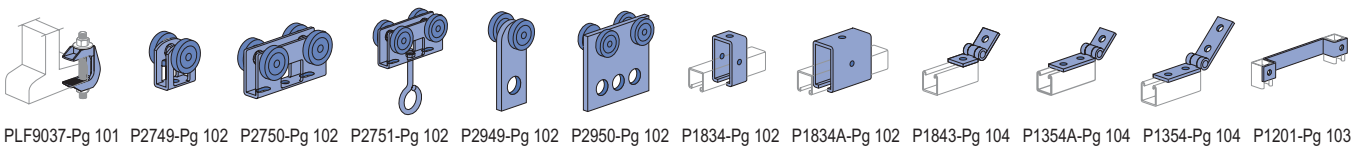
Brackets and Brace Fittings



Beam Clamps

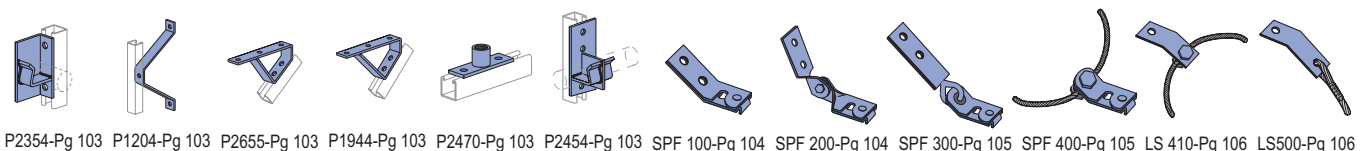


Trolley Assemblies



Special Applications Fittings

Seismic Retrofit Fittings



DESIGN LOAD DATA FOR TYPICAL UNISTRUT CHANNEL CONNECTIONS

90° Fittings (When used in position shown)

1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

Electrical Fittings

Concrete Inserts

Solar

Unipier®

		Channel Thickness		
Load – P1026		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	750
	kN	6.67	4.45	3.34

		Channel Thickness		
Load – P2484		12 ga.	14 ga.	16 ga.
	Lbs	3,000	2,000	1,500
	kN	13.34	8.90	6.67

		Channel Thickness		
Load – P1026		12 ga.	14 ga.	16 ga.
	Lbs	1,000	650	500
	kN	4.45	2.89	2.22

		Channel Thickness		
Load – P1068		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kN	2.22	2.22	2.22

		Channel Thickness		
Load – P1325, P2235		12 ga.	14 ga.	16 ga.
	Lbs	2,000	2,000	1,500
	kN	8.90	8.90	6.67

		Channel Thickness		
Load – P1326		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kN	2.22	2.22	2.22

		Channel Thickness		
Load – P1458, P1579		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	1,000
	kN	6.67	4.45	4.45

		Channel Thickness		
Load – P1346		12 ga.	14 ga.	16 ga.
	Lbs	1,200	1,200	1,000
	kN	5.34	5.34	4.45

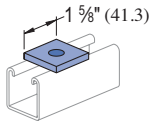
		Channel Thickness		
Load – P1346		12 ga.	14 ga.	16 ga.
	Lbs	2,000	1,500	900
	kN	8.90	6.67	4.00

		Channel Thickness		
Load – P1065		12 ga.	14 ga.	16 ga.
	Lbs	1,000	800	600
	kN	4.45	3.56	2.67

- Note:
- (1) Both ends of beams supported.
 - (2) Load data is based on P1010 nut and 1/2" bolt.
 - (3) Safety factor = 2 1/2 based on ultimate strength of connection.

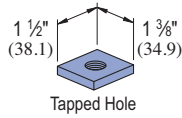
Flat Plate Fittings

P1062, P1063, P1064, P1964, P2471, P2490 DF, EG, GR, HG



Part No.	Bolt Size	Hole Size	Wt/100 pcs Lbs (kg)
P1062	5/16"	1 1/32"	18 (8.2)
P1063	3/8"	7/16"	18 (8.2)
P1064	1/2"	9/16"	17 (7.7)
P1964	5/8"	1 1/16"	16 (7.3)
P2471	3/4"	1 3/16"	15 (6.8)
P2490	7/8"	1 5/16"	14 (6.4)

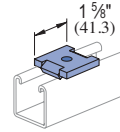
P1959, P1960, P1961 EG, GR, HG



Part Number	U.S. Std. Thd Size	Wt/100 pcs Lbs (kg)
P1959	3/8" - 16	21 (9.5)
P1960	1/2" - 13	20 (9.1)
P1961	5/8" - 11	19 (8.6)

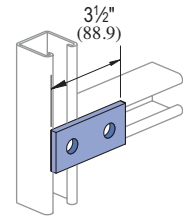
Material: 3/8" (9.5 mm) thick

P2862, 2863, 2864 DF, EG, GR, HG



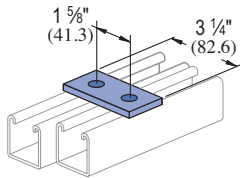
Part Number	Bolt Size	Hole Size	Wt/100 pcs Lbs (kg)
P2862	5/16"	1 1/32"	18 (8.2)
P2863	3/8"	7/16"	18 (8.2)
P2864	1/2"	9/16"	17 (7.7)

P1065 DF, EG, GR, HG



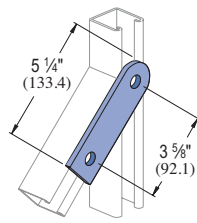
Wt/100 pcs: 38 Lbs (17.2 kg)

P1924 EG, GR, HG



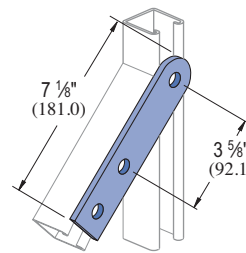
Wt/100 pcs: 35 Lbs (15.9 kg)

P2325 EG, GR, HG



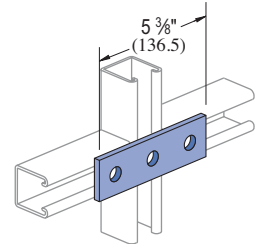
Wt/100 pcs: 55 Lbs (24.9 kg)

P2324 DF, EG, GR, HG



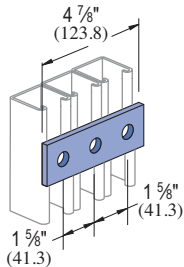
Wt/100 pcs: 75 Lbs (34.0 kg)

P1066 DF, EG, GR, HG



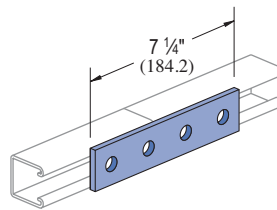
Wt/100 pcs: 56 Lbs (25.4 kg)

P1925 EG, GR, HG



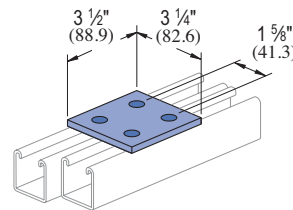
Wt/100 pcs: 50 Lbs (22.7 kg)

P1067 EG, GR, HG



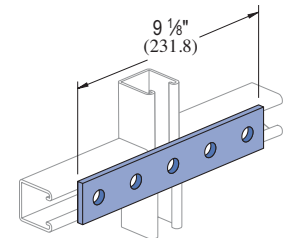
Wt/100 pcs: 78 Lbs (35.4 kg)

P2079 EG, GR, HG



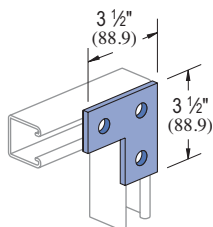
Wt/100 pcs: 73 Lbs (33.1 kg)

P1941 EG, GR, HG



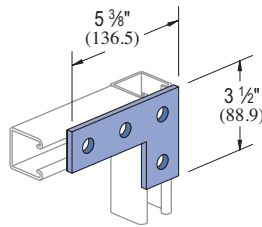
Wt/100 pcs: 94 Lbs (42.6 kg)

P1036 DF, EG, GR, HG



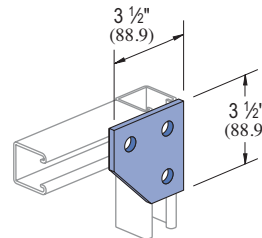
Wt/100 pcs: 58 Lbs (26.3 kg)

P1380 A DF, EG, GR, HG



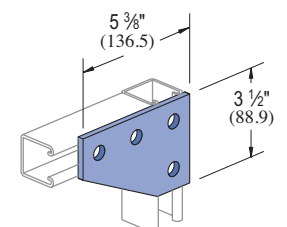
Wt/100 pcs: 80 Lbs (36.3 kg)

P1334 EG, GR, HG



Wt/100 pcs: 70 Lbs (31.8 kg)

P1380 EG, GR, HG



Wt/100 pcs: 105 Lbs (47.6 kg)

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 1/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

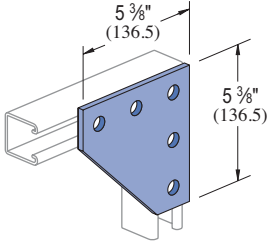
Electrical Fittings

Concrete Inserts

Solar

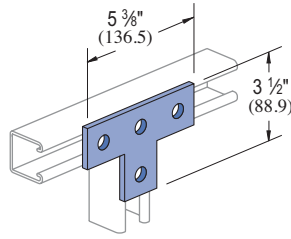
Unipier®

P1873 EG, GR, HG



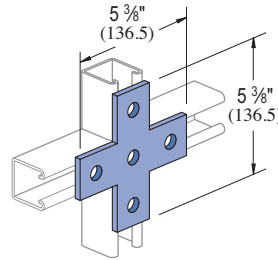
Wt/100 pcs: 150 Lbs (68.0 kg)

P1031 DF, EG, GR, HG



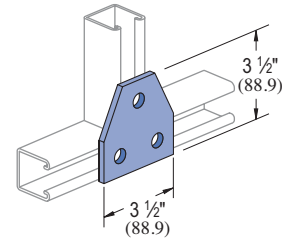
Wt/100 pcs: 80 Lbs (36.3 kg)

P1028 DF, EG, GR, HG



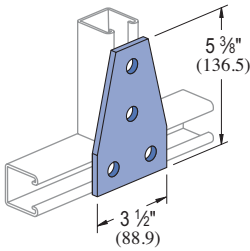
Wt/100 pcs: 105 Lbs (47.6 kg)

P1356 EG, GR, HG



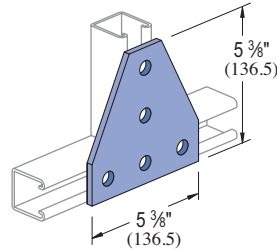
Wt/100 pcs: 70 Lbs (31.8 kg)

P1358 EG, GR, HG



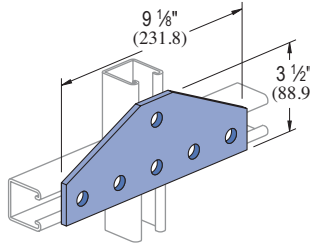
Wt/100 pcs: 105 Lbs (47.6 kg)

P1726 EG, GR, HG



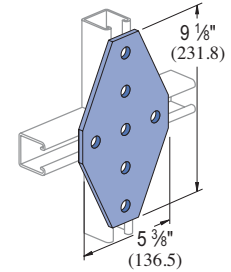
Wt/100 pcs: 148 Lbs (67.1 kg)

P1953 EG, GR, HG



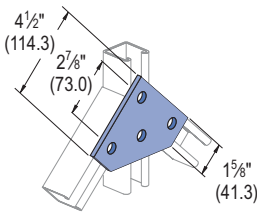
Wt/100 pcs: 176 Lbs (79.8 kg)

P1950 EG, GR, HG



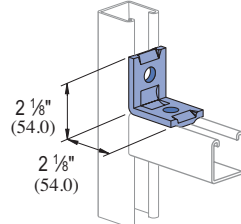
Wt/100 pcs: 240 Lbs (108.9 kg)

P1962 EG, GR, HG



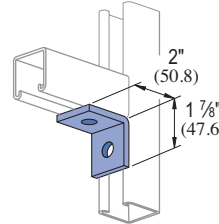
Wt/100 pcs: 112 Lbs (50.8 kg)

P2626 EG, GR, HG



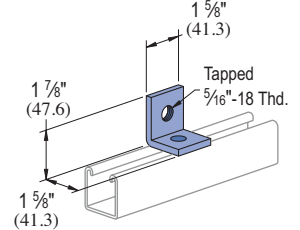
Wt/100 pcs: 40 Lbs (18.1 kg)

P1026 DF, EG, GR, HG



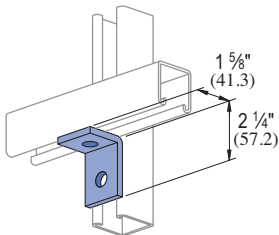
Wt/100 pcs: 38 Lbs (17.2 kg)

P1723 EG, GR, HG



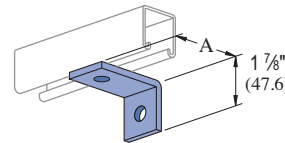
Wt/100 pcs: 34 Lbs (15.4 kg)

P1068 DF, EG, GR, HG



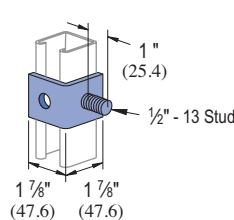
Wt/100 pcs: 38 Lbs (17.2 kg)

P1281, P1282, P1283 EG, GR, HG



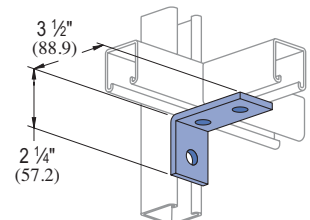
Part No.	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1281	3	49
P1282	3 1/2	54
P1283	4	61

P1315 EG, GR, HG



Wt/100 pcs: 45 Lbs (20.4 kg)

P1458 EG, GR, HG



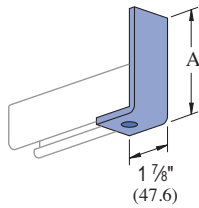
Wt/100 pcs: 58 Lbs (26.3 kg)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1/16" (20.6mm); Hole Spacing - On Center: 1 1/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

P1538A THRU P1538D

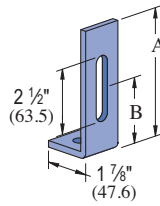
EG, GR, HG



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1538A	3 3/8 98.4	61 27.7
P1538B	5 7/8 149.2	84 38.1
P1538C	7 7/8 200.0	107 48.5
P1538D	9 7/8 250.8	130 59.0

P1498, P1499

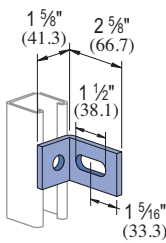
DF, EG, GR, HG



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1498	4 7/8 123.8	2 1/2 63.5	65 29.5
P1499	6 7/8 174.6	4 1/2 114.3	85 38.6

P1750

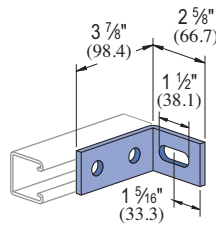
EG, GR, HG



Wt/100 pcs: 38 Lbs (17.2 kg)

P1747

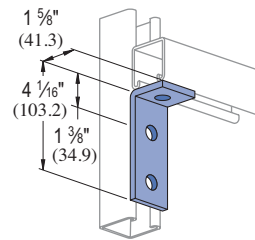
EG, GR, HG



Wt/100 pcs: 66 Lbs (29.9 kg)

P1326

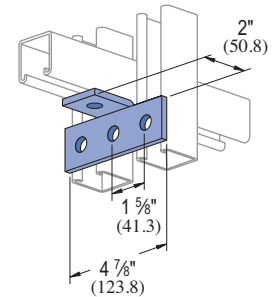
EG, GR, HG



Wt/100 pcs: 58 Lbs (26.3 kg)

P1821

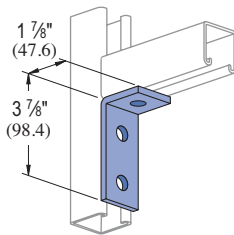
EG, GR, HG



Wt/100 pcs: 71 Lbs (32.2 kg)

P1346

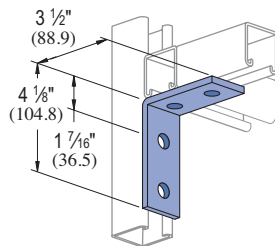
EG, GR, HG



Wt/100 pcs: 58 Lbs (26.3 kg)

P1325

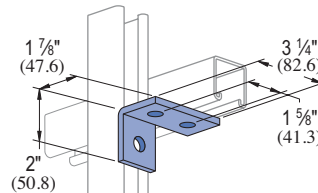
EG, GR, HG



Wt/100 pcs: 78 Lbs (35.4 kg)

P1822

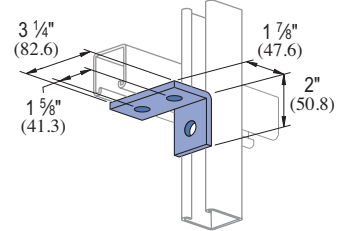
EG, GR, HG



Wt/100 pcs: 55 Lbs (24.9 kg)

P1823

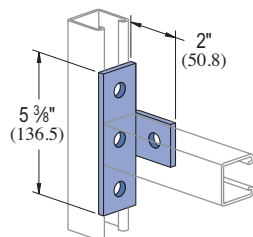
EG, GR, HG



Wt/100 pcs: 55 Lbs (24.9 kg)

P1033

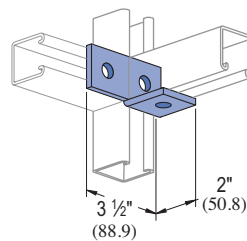
EG, GR, HG



Wt/100 pcs: 80 Lbs (36.3 kg)

P1037

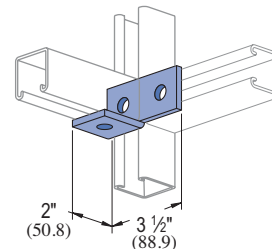
EG, GR, HG



Wt/100 pcs: 58 Lbs (26.3 kg)

P1038

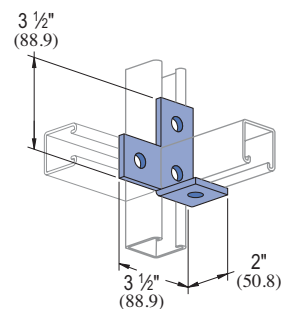
EG, GR, HG



Wt/100 pcs: 58 Lbs (26.3 kg)

P1034

EG, GR, HG



Wt/100 pcs: 80 Lbs (36.3 kg)

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

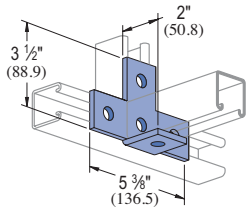
Electrical Fittings

Concrete Inserts

Solar

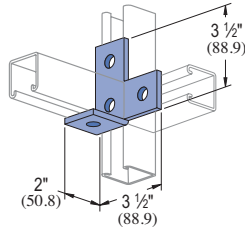
Unipier®

P1029 EG, GR, HG



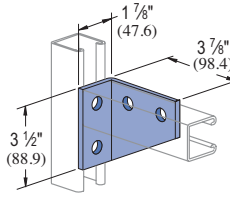
Wt/100 pcs: 105 Lbs (47.6 kg)

P1035 EG, GR, HG



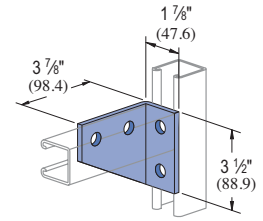
Wt/100 pcs: 80 Lbs (36.3 kg)

P1290 EG, GR, HG



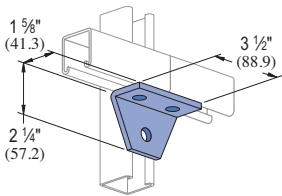
Wt/100 pcs: 101 Lbs (45.8 kg)

P1291 EG, GR, HG



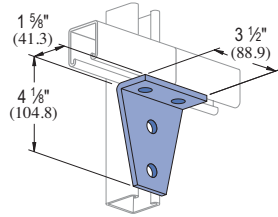
Wt/100 pcs: 101 Lbs (45.8 kg)

P1357 EG, GR, HG



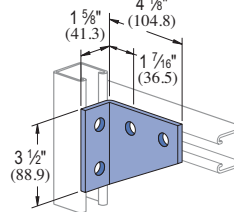
Wt/100 pcs: 70 Lbs (31.8 kg)

P1359 EG, GR, HG



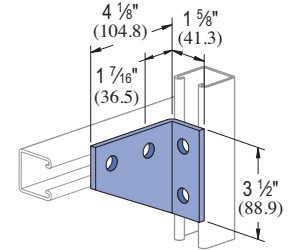
Wt/100 pcs: 105 Lbs (47.6 kg)

P1381 EG, GR, HG



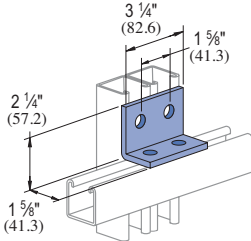
Wt/100 pcs: 105 Lbs (47.6 kg)

P1382 EG, GR, HG



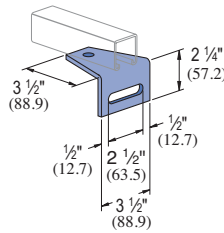
Wt/100 pcs: 105 Lbs (47.6 kg)

P1934



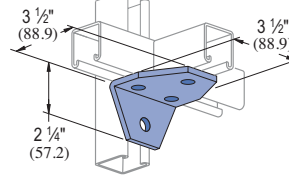
Wt/100 pcs: 75 Lbs (34.0 kg)

P1713



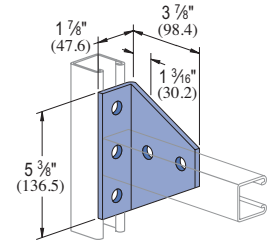
Wt/100 pcs: 97 Lbs (44.0 kg)

P1579



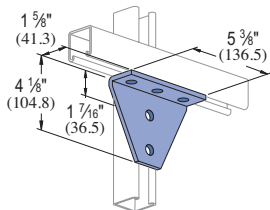
Wt/100 pcs: 103 Lbs (46.7 kg)

P1727



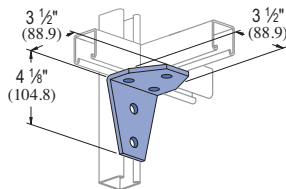
Wt/100 pcs: 154 Lbs (69.9 kg)

P1728



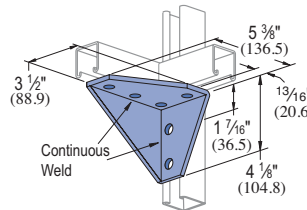
Wt/100 pcs: 154 Lbs (69.9 kg)

P2235



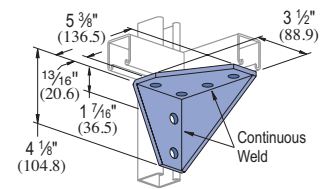
Wt/100 pcs: 135 Lbs (61.2 kg)

P1956



Wt/100 pcs: 230 Lbs (104.3 kg)

P1957 EG, GR, HG

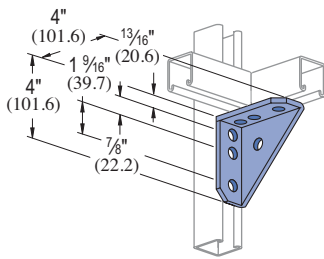


Wt/100 pcs: 230 Lbs (104.3 kg)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

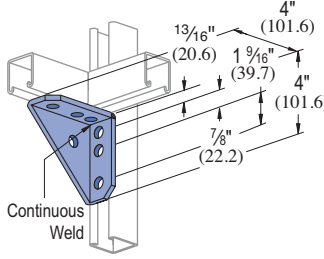
Hole Diameter: 3/16" (14.3mm); Hole Spacing - From End: 1 1/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

P2484 [DF, EG, GR, HG]



Wt/100 pcs: 134 Lbs (60.8 kg)

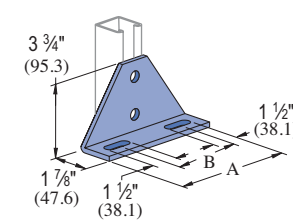
P2484W [EG, GR, HG]



Wt/100 pcs: 134 Lbs (60.8 kg)

P1130, P1131

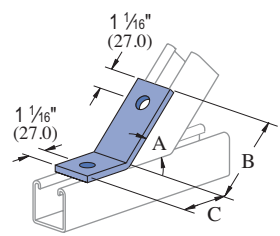
[EG, GR, HG]



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1130	6 5/8 168.3	4 101.6	190 86.2
P1131	8 5/8 219.1	6 152.4	242 109.8

P1546, P2094 THRU P2100

[DF, EG, GR, HG]

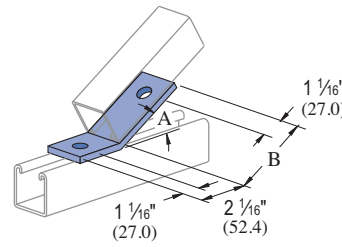


Part No.	"A" Degree (rad)	"B" In (mm)	"C" In (mm)
P2094	82 1/2° 1.44	3 9/16 90.5	1 11/16 42.9
P2095	75° 1.31	3 9/16 90.5	1 11/16 42.9
P2096	67 1/2° 1.18	3 1/2 88.9	1 3/4 44.5
P2097	60° 1.05	3 3/8 85.7	1 7/8 47.6
P2098	52 1/2° 0.92	3 1/4 82.6	2 1/16 52.4
P1546	45° 0.79	3 76.2	2 5/8 58.7
P2099	37 1/2° 0.65	3 1/2 88.9	1 3/16 46.0
P2100	37 1/2° 0.65	2 11/16 68.3	2 5/8 66.7

Wt/100 pcs: 58 Lbs (26.3 kg)

P2101 THRU P2104

[EG, GR, HG]

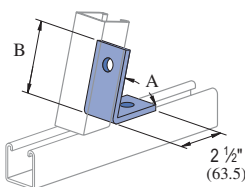


Part No.	"A" Degree (rad)	"B" In (mm)
P2101	30° 0.52	3 1/4 82.6
P2102	22 1/2° 0.39	3 5/8 84.1
P2103	15° 0.26	3 5/8 84.1
P2104	7 1/2° 0.13	3 5/8 84.1

Wt/100 pcs: 58 Lbs (26.3 kg)

P1186, P2105 THRU P2110

[DF, EG, GR, HG]

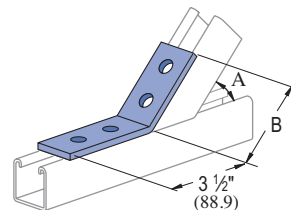


Part Number	"A" Degree (rad)	"B" In (mm)
P2105	82 1/2° 1.44	3 1/4 82.6
P2106	75° 1.31	3 1/4 82.6
P2107	67 1/2° 1.18	3 9/16 81.0
P2108	60° 1.05	3 3/8 81.0
P2109	52 1/2° 0.92	3 1/8 79.4
P1186	45° 0.79	3 1/8 79.4
P2110	37 1/2° 0.65	3 1/8 77.8

Wt/100 pcs: 58 Lbs (26.3 kg)

P2260 THRU P2270

[DF, EG, GR, HG]



Part Number	"A" Degree (rad)	"B" In (mm)
P2270	82 1/2° 1.44	3 5/8 92.1
P2269	75° 1.31	3 5/8 92.1
P2268	67 1/2° 1.18	3 5/8 92.1
P2267	60° 1.05	3 11/16 93.7
P2266	52 1/2° 0.92	3 11/16 93.7
P2265	45° 0.79	3 11/16 93.7
P2264	37 1/2° 0.65	3 11/16 93.7
P2263	30° 0.52	3 11/16 93.7
P2262	22 1/2° 0.39	3 3/4 95.3
P2261	15° 0.26	3 3/4 95.3
P2260	7 1/2° 0.13	3 3/4 95.3

Wt/100 pcs: 78 Lbs (35.4 kg)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 55



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

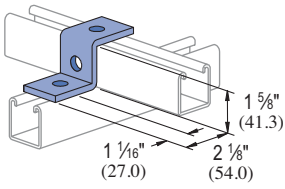
Electrical Fittings

Concrete Inserts

Solar

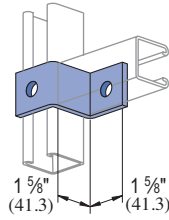
Unipier®

P1045 EG, GR, HG



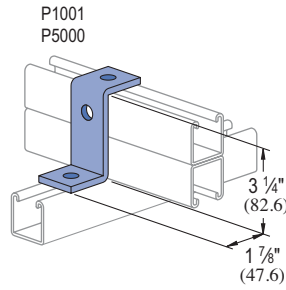
Wt/100 pcs: 55 Lbs (24.9 kg)

P1347 EG, GR, HG



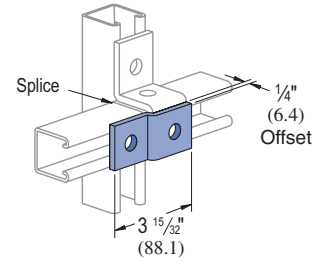
Wt/100 pcs: 55 Lbs (24.9 kg)

P1453 EG, GR, HG



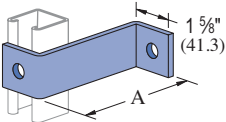
Wt/100 pcs: 70 Lbs (31.8 kg)

P1454 EG, GR, HG



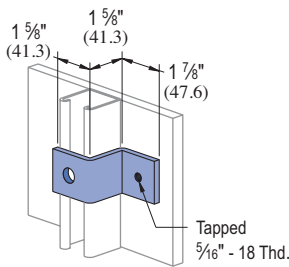
Wt/100 pcs: 38 Lbs (17.2 kg)

P1479A THRU P1479E



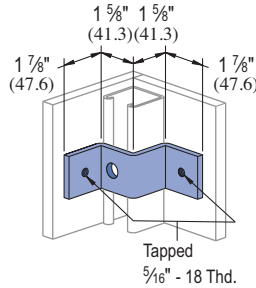
Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1479A	4 (101.6)	81 (36.7)
P1479B	5 (127.0)	92 (41.7)
P1479C	6 (152.4)	104 (47.2)
P1479D	7 (177.8)	115 (52.2)
P1479E	8 (203.2)	127 (57.6)

P1730



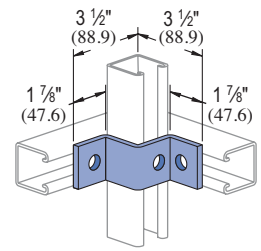
Wt/100 pcs: 54 Lbs (24.5 kg)

P1734



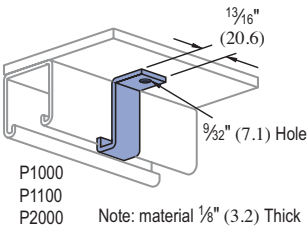
Wt/100 pcs: 70 Lbs (31.8 kg)

P1736



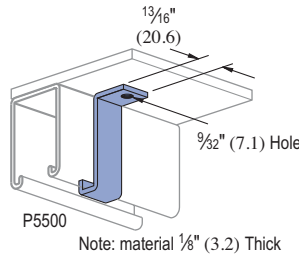
Wt/100 pcs: 70 Lbs (31.8 Kg)

P2360



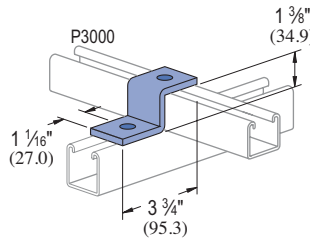
Wt/100 pcs: 9 Lbs (4.1 kg)

P5560



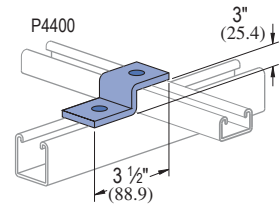
Wt/100 pcs: 11 Lbs (5.0 kg)

P3045 EG, GR, HG



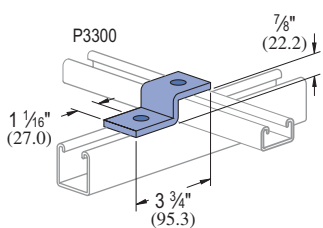
Wt/100 pcs: 53 Lbs (24.0 kg)

P612 EG, GR, HG



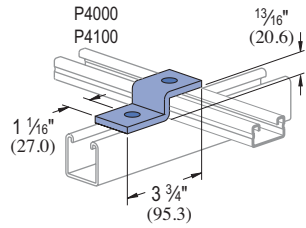
Wt/100 pcs: 47 Lbs (21.3 kg)

P3345 EG, GR, HG



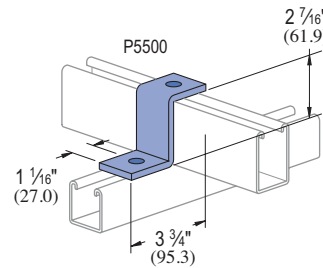
Wt/100 pcs: 47 Lbs (21.3 kg)

P4045 EG, GR, HG



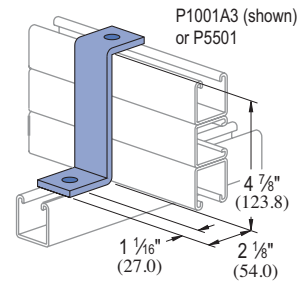
Wt/100 pcs: 47 Lbs (21.3 kg)

P5545 EG, GR, HG



Wt/100 pcs: 67 Lbs (30.4 kg)

P2469



Wt/100 pcs: 93 Lbs (42.2 kg)

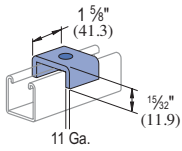
Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 1/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

"U" Shape Fittings

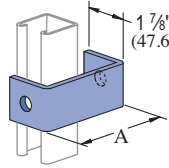
P2800

EG, GR, HG



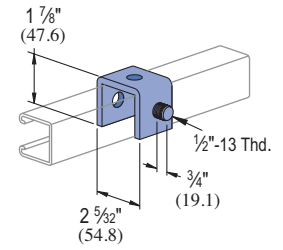
Part Number	Bolt Size (in)	Hole Size (in)	Wt/100 pcs Lbs (kg)
P2800-25	1/4"	9/32"	14 6.4
P2800-37	3/8"	7/16"	14 6.4
P2800-50	1/2"	9/16"	13 5.9
P2800-62	5/8"	1 1/16"	13 5.9
P2800-75	3/4"	1 3/16"	13 5.9

P1363A THRU P1363E



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1363A	4 101.6	78 35.4
P1363B	5 127.0	89 40.4
P1363C	6 152.4	101 45.8
P1363D	7 177.8	112 50.8
P1363E	8 203.2	124 56.2

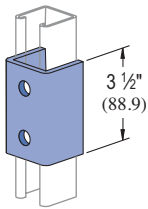
P1320



Wt/100 pcs: 63 Lbs (28.6 kg)

P1376

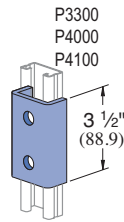
EG, GR, HG



Wt/100 pcs: 128 Lbs (58.1 kg)

P4376

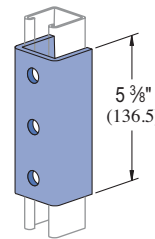
EG, GR, HG



Wt/100 pcs: 85 Lbs (38.6 kg)

P1376A

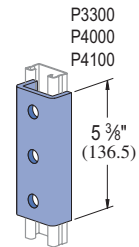
EG, GR, HG



Wt/100 pcs: 197 Lbs (89.4 kg)

P4376A

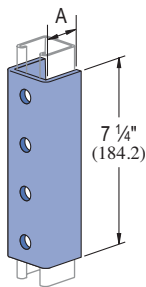
EG, GR, HG



Wt/100 pcs: 130 Lbs (59.0 kg)

P1377, P4377, P5077, P5577

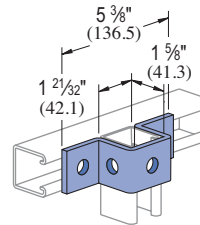
EG, GR, HG



Part Number	For Use With	"A" in (mm)	Wt/100 pcs Lbs (kg)
P1377	P1000, P1100, P2000	1 9/16 39.7	265 120
P4377	P3300, P4000, P4100	1 9/16 23.8	176 80
P5077	P5000	3 9/16 81.0	390 177
P5577	P5500	2 3/8 60.3	310 141

P1047

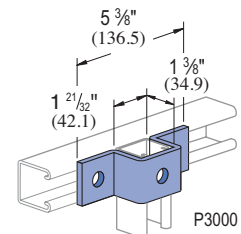
DF, EG, GR, HG



Wt/100 pcs: 88 Lbs (39.9 kg)

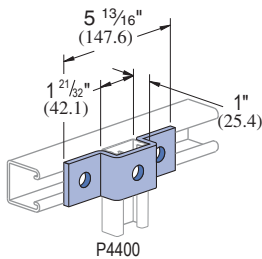
P3047

EG, GR, HG



Wt/100 pcs: 84 Lbs (38.1 kg)

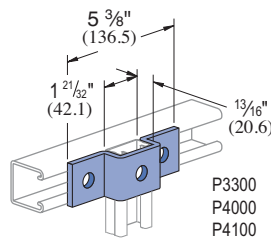
P976



Wt/100 pcs: 71 Lbs (32.2 kg)

P4047

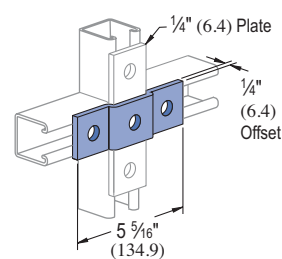
EG, GR, HG



Wt/100 pcs: 71 Lbs (32.2 kg)

P1455

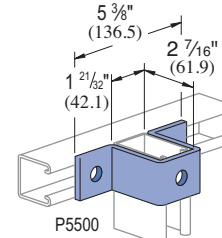
EG, GR, HG



Wt/100 pcs: 58 Lbs (26.3 kg)

P5547

EG, GR, HG



Wt/100 pcs: 108 Lbs (49.0 kg)

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

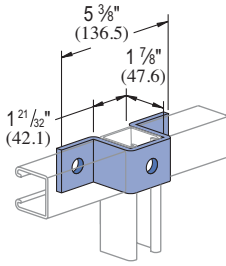
Electrical Fittings

Concrete Inserts

Solar

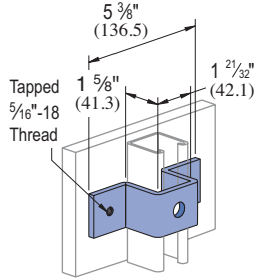
Unipier®

P1383 EG, GR, HG



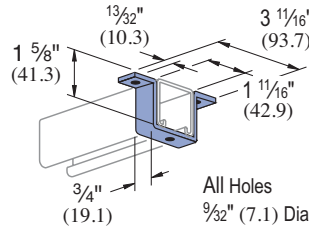
Wt/100 pcs: 95 Lbs (43.1 kg)

P1732 EG, GR, HG



Wt/100 pcs: 88 Lbs (39.9 kg)

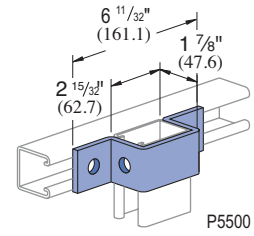
P2237 EG, GR, HG



Material: 1/8" (3.2) thick.

Wt/100 pcs: 18 Lbs (8.2 kg)

P5543 EG, GR, HG

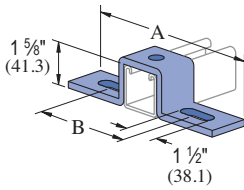


P5500

Wt/100 pcs: 97 Lbs (44.0 kg)

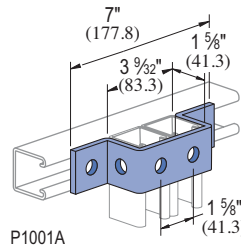
P1048, P1049, P1050

DF, EG, GR, HG



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1048	7 1/4 184.2	4 1/8 104.8	105 47.6
P1049	8 1/2 215.9	5 3/8 136.5	120 54.4
P1050	10 3/8 263.5	7 1/4 184.2	130 59.0

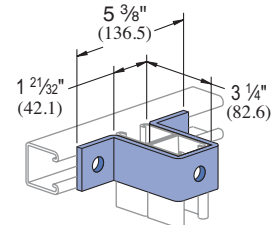
P1043A EG, GR, HG



P1001A

Wt/100 pcs: 105 Lbs (47.6 kg)

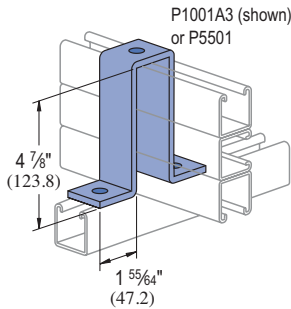
P1737 EG, GR, HG



P1001 (shown), P1101, P2001, P4004 or P5000

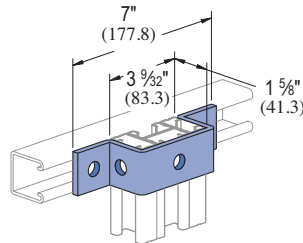
Wt/100 pcs: 128 Lbs (58.1 kg)

P2473 EG, GR, HG



Wt/100 pcs: 197 Lbs (89.4 kg)

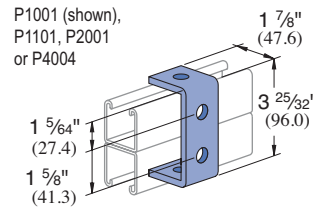
P4043 EG, GR, HG



P4004 (shown), P1001, P1101, P2001, or P5000

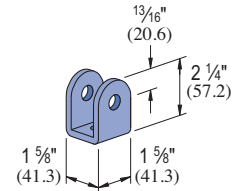
Wt/100 pcs: 106 Lbs (48.1 kg)

P1044 EG, GR, HG



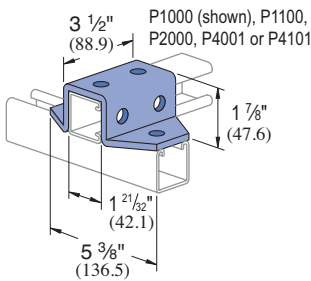
Wt/100 pcs: 70 Lbs (31.8 kg)

P1973 EG, GR, HG



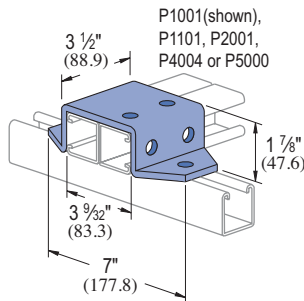
Wt/100 pcs: 53 Lbs (24.0 kg)

P2326 EG, GR, HG



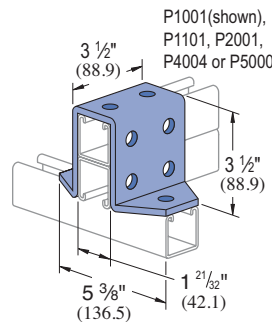
Wt/100 pcs: 171 Lbs (77.6 kg)

P2328



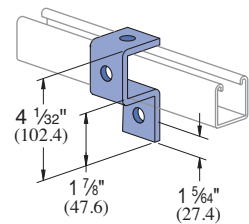
Wt/100 pcs: 209 Lbs (94.8 kg)

P2329



Wt/100 pcs: 257 Lbs (116.6 kg)

P1046A EG, GR, HG

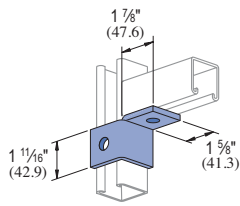


Wt/100 pcs: 76 Lbs (34.5 kg)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

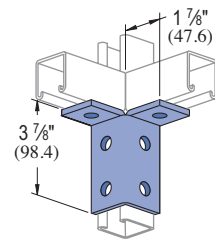
P2341 R-L EG, GR, HG



R - As shown
L - Opposite hand

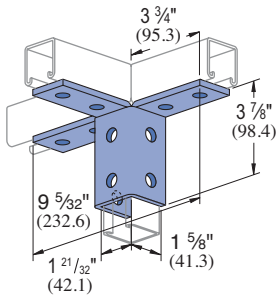
Wt/100 pcs: 60 Lbs (27.2 kg)

P2224 EG, GR, HG



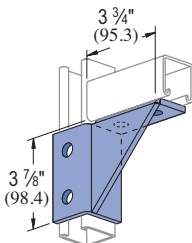
Wt/100 pcs: 115 Lbs (52.2 kg)

P2229 EG, GR, HG



Wt/100 pcs: 230 Lbs (104.3 kg)

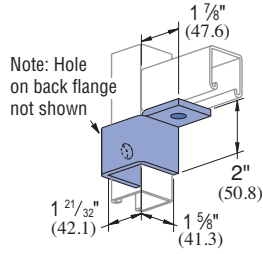
P2344 R-L EG, GR, HG



R - As shown
L - Opposite hand

Wt/100 pcs: 176 Lbs (79.8 kg)

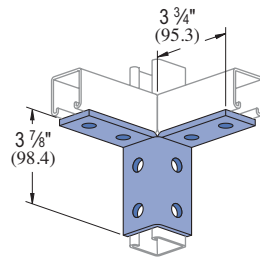
P2472 R-L EG, GR, HG



R - As shown
L - Opposite hand

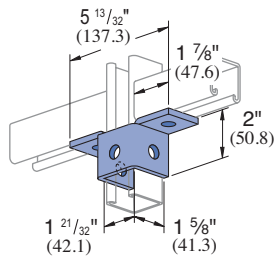
Wt/100 pcs: 75 Lbs (34.0 kg)

P2225 EG, GR, HG



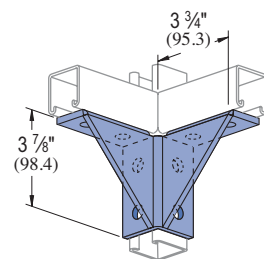
Wt/100 pcs: 155 Lbs (70.3 kg)

P2345 EG, GR, HG



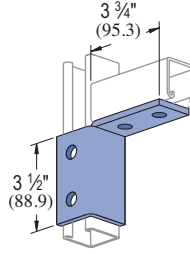
Wt/100 pcs: 93 Lbs (42.2 kg)

P2226 EG, GR, HG



Wt/100 pcs: 217 Lbs (98.4 kg)

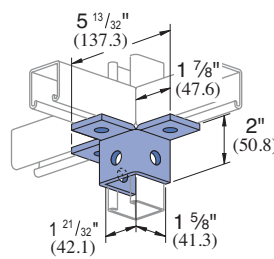
P2343 R-L



R - As shown
L - Opposite hand

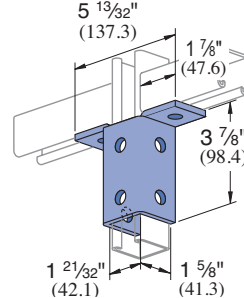
Wt/100 pcs: 119 Lbs (54.0 kg)

P2227 EG, GR, HG



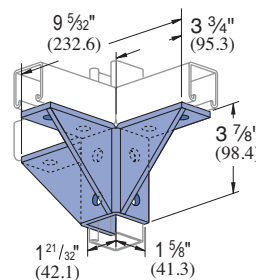
Wt/100 pcs: 113 Lbs (51.3 kg)

P2346 EG, GR, HG



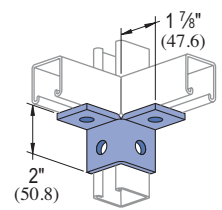
Wt/100 pcs: 150 Lbs (68.0 kg)

P2230 EG, GR, HG



Wt/100 pcs: 310 Lbs (140.6 kg)

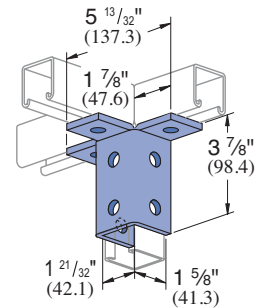
P2223 EG, GR, HG



R - As shown
L - Opposite hand

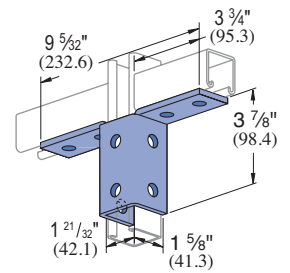
Wt/100 pcs: 76 Lbs (34.5 kg)

P2228 EG, GR, HG



Wt/100 pcs: 177 Lbs (80.3 kg)

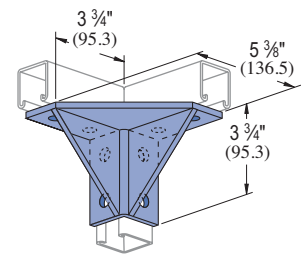
P2347 EG, GR, HG



Wt/100 pcs: 193 Lbs (87.5 kg)

P2245 EG, GR, HG

Fitting notched for continuous vertical.



Wt/100 pcs: 315 Lbs (142.9 kg)

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

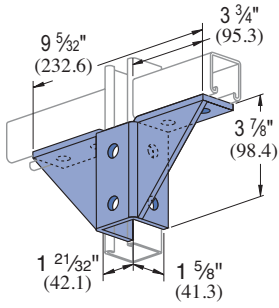
Electrical Fittings

Concrete Inserts

Solar

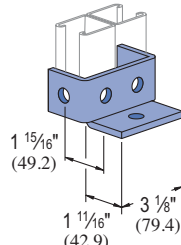
Unipier®

P2348 EG, GR, HG



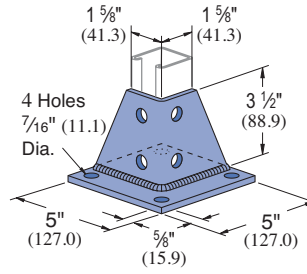
Wt/100 pcs: 274 Lbs (124.3 kg)

P2453 EG, GR, HG



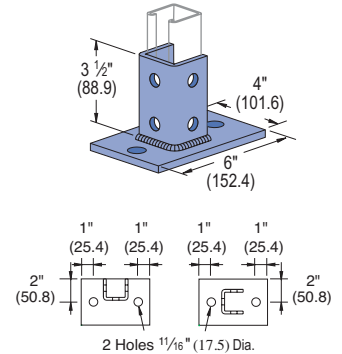
Wt/100 pcs: 116 Lbs (52.6 kg)

P1887 EG, GR, HG



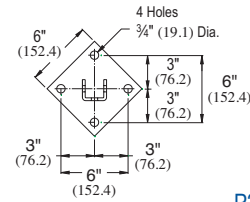
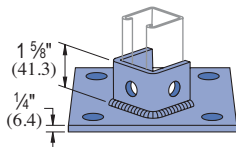
Wt/100 pcs: 297 Lbs (134.8 kg)

P2941, P2942 EG, GR, HG



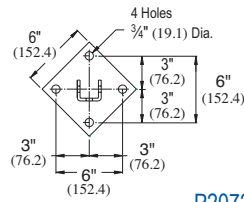
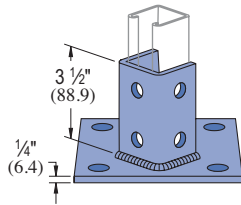
Wt/100 pcs: 358 Lbs (162.4 kg)

P2072, P2072 SQ EG, GR, HG



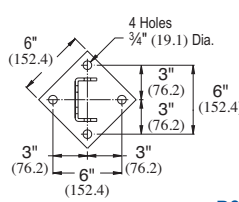
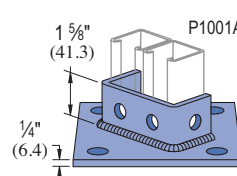
P2072

P2072A, P2072A SQ DF, EG, GR, HG



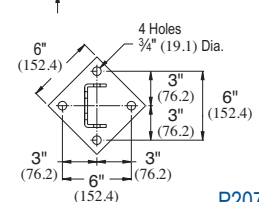
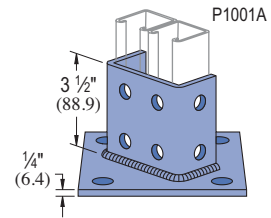
P2072A

P2073, P2073 SQ EG, GR, HG

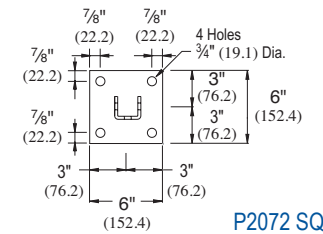


P2073

P2073A, P2073A SQ EG, GR, HG

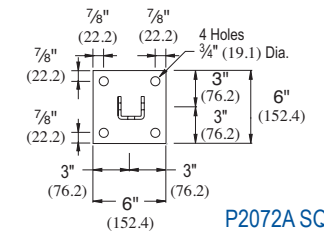


P2073A



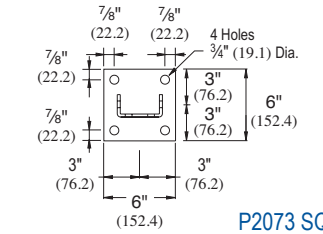
P2072 SQ

Wt/100 pcs: 307 Lbs (139.3 kg)



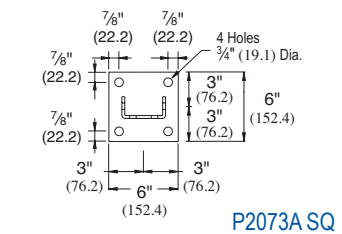
P2072A SQ

Wt/100 pcs: 373 Lbs (169.2 kg)



P2073 SQ

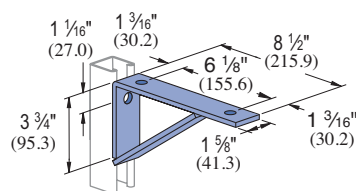
Wt/100 pcs: 325 Lbs (147.4 kg)



P2073A SQ

Wt/100 pcs: 408 Lbs (185.1 kg)

P1769 EG, GR



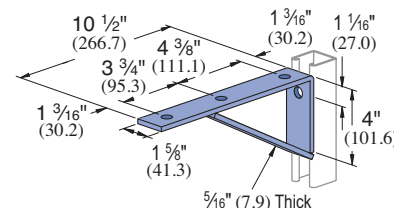
Material: 1/4" (6.4) thick steel.

Wt/100 pcs: 174 Lbs (78.9 kg)

Part No.	Gauge	Vertical Channel	Uniform Design Load
		Lbs (kN)	Lbs (kN)
P1000	12	800	3.56
P1100	14	600	2.67
P2000	16	400	1.81

Safety Factor 2 1/2

P1771 EG, GR



Material: 1/4" (6.4) thick steel.

Wt/100 pcs: 206 Lbs (93.4 kg)

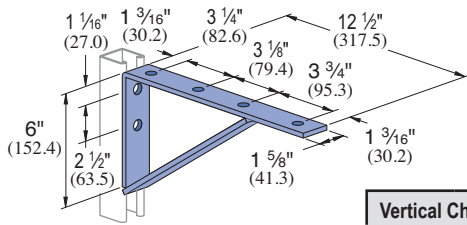
Part No.	Gauge	Vertical Channel	Uniform Design Load
		Lbs (kN)	Lbs (kN)
P1000	12	800	3.56
P1100	14	600	2.67
P2000	16	400	1.81

Safety Factor 2 1/2

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6mm); Hole Spacing - On Center: 1 1/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

P1773



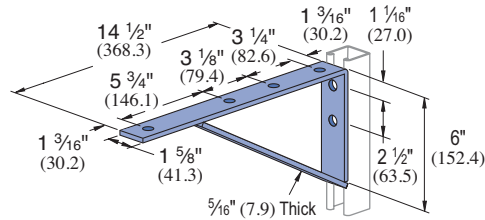
Material: 1/4" (6.4) thick steel.

Part No.	Gauge	Vertical Channel	Uniform Design Load Lbs (kN)
P1000	12	900	(4.00)
P1100	14	800	(3.56)
P2000	16	450	(2.04)

Safety Factor 2½

Wt/100 pcs: 264 Lbs (119.7 kg)

P1775



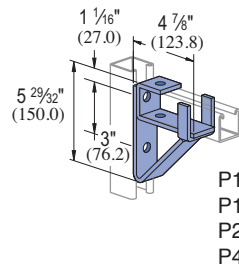
Material: 1/4" (6.4) thick steel.

Part No.	Gauge	Vertical Channel	Uniform Design Load Lbs (kN)
P1000	12	900	(4.00)
P1100	14	800	(3.56)
P2000	16	450	(2.04)

Safety Factor 2½

Wt/100 pcs: 295 Lbs (133.8 kg)

P1075



Material: 1/4" (6.4) thick steel.

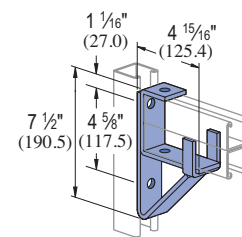
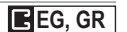
Part No.	Gauge	Vertical Channel	Allowable Moment* In-Lbs (N·M)
P1000	12	5,100	(576)
P1100	14	4,400	(497)
P2000	16	3,200	(362)

Safety Factor 2½

* Allowable moment for fitting only. Channel may determine overall capacity.

Wt/100 pcs: 229 Lbs (103.9 kg)

P1593



Material: 1/4" (6.4) thick steel.

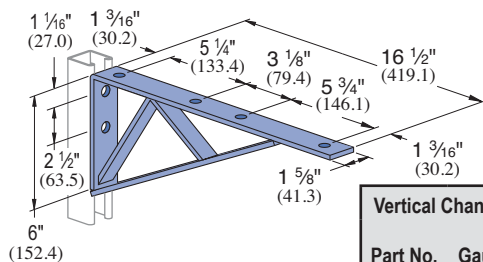
Part No.	Gauge	Vertical Channel	Allowable Moment* In-Lbs (N·M)
P1000	12	13,000	1,469
P1100	14	9,100	1,028
P2000	16	6,500	734

Safety Factor 2½

* Allowable moment for fitting only. Channel may determine overall capacity.

Wt/100 pcs: 272 Lbs (123.4 kg)

P1777



Material: 1/4" (6.4) thick steel.

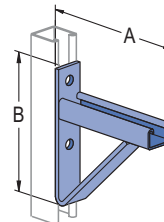
Part No.	Gauge	Vertical Channel	Uniform Design Load Lbs (kN)
P1000	12	1,200	(5.44)
P1100	14	900	(4.00)
P2000	16	600	(2.67)

Safety Factor 2½

Wt/100 pcs: 385 Lbs (174.6 kg)

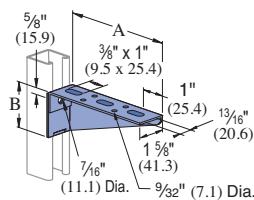
P2547 THRU P2551

CABLE TRAY BRACKET



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)	Uniform Load* Lbs (kN)
P2547	15	8¾	420	1,000
	381.0	222	190.5	4.45
P2548	21	8¾	628	1,000
	533.4	222	284.9	4.45
P2549	27	11¼	860	900
	685.8	286	390.1	4.00
P2550	33	11¼	1010	900
	838.2	286	458.1	4.00
P2551	39	16	1257	800
	990.6	406.4	683.3	3.56

P2491 R-L THRU P2493 R-L



R - As shown; L - Opposite hand

Material : 12 Gauge Steel.

Part No.	Gauge	Vertical Channel	Uniform Design Load Lbs (kN)
P1000	12	300	(1.33)
P1100	14	250	(1.11)
P2000	16	200	(.89)

Safety Factor - 2½

Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2491 R-L	121892 R-L	6	1½	67
		152.4	49.2	30.4
P2492 R-L	121893 R-L	8	2¼	92
		203.2	61.9	41.7
P2493 R-L	121894 R-L	10	2½	120
		254.0	74.6	54.4

Standard Dimensions for 1½" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1¾" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅞" (41.3mm); Thickness: ¼" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

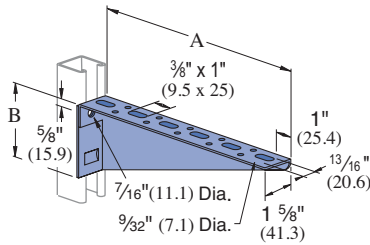
Electrical Fittings

Concrete Inserts

Solar

Unipier®

P2494 R-L THRU P2499 R-L



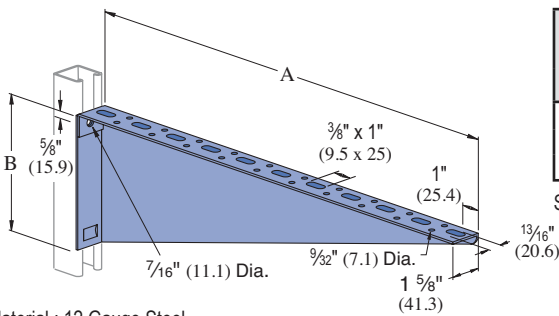
Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P1000	12	300 (1.33)
P1100	14	250 (1.11)
P2000	16	200 (.89)

Safety Factor - 2 1/2

Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2494 R-L	121895 R-L	12	3 7/16	152
		304.8	87.3	68.9
P2495 R-L	121896 R-L	14	3 9/16	173
		355.6	100.0	78.5
P2496 R-L	121897 R-L	16	4 1/16	223
		406.4	112.7	101.2
P2497 R-L	121898 R-L	18	4 5/16	266
		457.2	125.4	120.7
P2498 R-L	121899 R-L	20	5 1/16	308
		508.0	138.1	139.7
P2499 R-L	121900 R-L	22	5 9/16	355
		558.8	150.8	161.0

Material : 12 Gauge Steel.
R - As shown; L - Opposite hand

P2500 R-L THRU P2503 R-L



Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P1000	12	300 (1.33)
P1100	14	250 (1.11)
P2000	16	200 (.89)

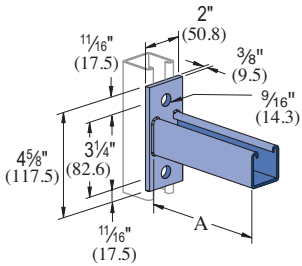
Safety Factor - 2 1/2

Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2500 R-L	121901 R-L	24	6 7/16	400
		609.6	164	181.4
P2501 R-L	121902 R-L	26	6 9/16	445
		660	176	201.8
P2502 R-L	121903 R-L	28	7 1/16	493
		711	189	223.6
P2503 R-L	121904 R-L	30	7 9/16	545
		762.0	202	247.2

Material : 12 Gauge Steel.
R - As shown; L - Opposite hand

P2944, P2945, P2946, P2947

EG, GR, HG

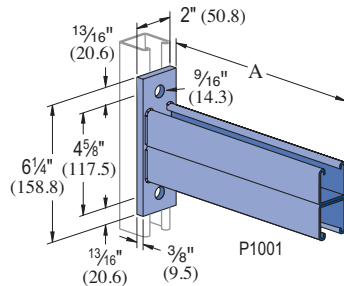


Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Uniform Load* Lbs (kN)
P2944	6	185	1200
	152.4	84	5.34
P2945	12	293	600
	304.8	133	2.67
P2946	18	401	400
	457.2	182	1.78
P2947	24	509	300
	609.6	231	1.33

Safety Factor 2 1/2
* Mounted on 12 Ga. Channel

P2542 THRU P2546

EG, GR, HG



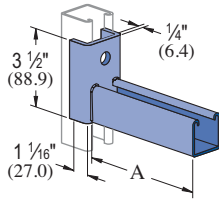
Safety Factor - 2 1/2

Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2542	304.8	502	P1000	12	2,000 (8.90)
			P1100	14	1,400 (6.23)
			P2000	16	1,000 (4.45)
P2543	457.2	692	P1000	12	1,300 (5.78)
			P1100	14	900 (4.00)
			P2000	16	650 (2.89)
P2544	609.6	882	P1000	12	1,000 (4.45)
			P1100	14	700 (3.11)
			P2000	16	500 (2.22)
P2545	762.0	1,072	P1000	12	800 (3.56)
			P1100	14	560 (2.49)
			P2000	16	400 (1.78)
P2546	914.4	1,262	P1000	12	650 (2.89)
			P1100	14	450 (2.00)
			P2000	16	320 (1.42)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 1/16" (20.6mm); Hole Spacing - On Center: 1 1/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLA GR 45

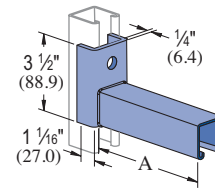
P2231, P2232



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2231	6	191	P1000	12	1,600 (7.12)
	152.4	86.6	P1100	14	1,200 (5.34)
			P2000	16	800 (3.56)
P2232	12	292	P1000	12	800 (3.56)
	304.8	132.4	P1100	14	600 (2.67)
			P2000	16	400 (1.78)

Safety Factor - 2½

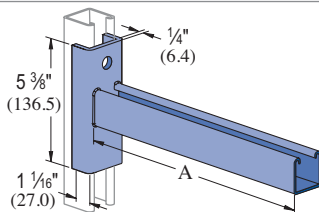
P2231A, P2232A



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2231A	6	191	P1000	12	1,600 (7.12)
	152.4	86.6	P1100	14	1,200 (5.34)
			P2000	16	800 (3.56)
P2232A	12	292	P1000	12	800 (3.56)
	304.8	132.4	P1100	14	600 (2.67)
			P2000	16	400 (1.78)

Safety Factor - 2½

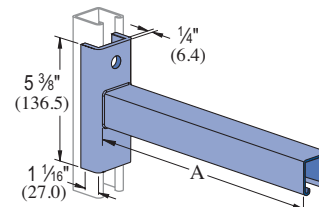
P2233, P2234



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2233	18	436	P1000	12	600 (2.67)
	457.2	197.8	P1100	14	450 (2.00)
			P2000	16	300 (1.33)
P2234	24	536	P1000	12	450 (2.00)
	609.6	243.1	P1100	14	330 (1.47)
			P2000	16	220 (.98)

Safety Factor - 2½

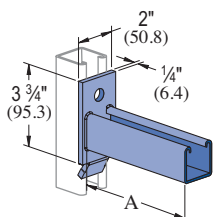
P2233A, P2234A



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2233A	18	436	P1000	12	600 (2.67)
	457.2	197.8	P1100	14	450 (2.00)
			P2000	16	300 (1.33)
P2234A	24	536	P1000	12	450 (2.00)
	609.6	243.1	P1100	14	330 (1.47)
			P2000	16	220 (.98)

Safety Factor - 2½

P2513 THRU P2516

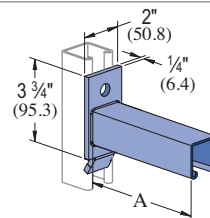


When installed in inverted position use 60% of loads shown.

Safety Factor 2½

Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2513	6	161	P1000	12	1,200 (5.34)
	152.4	73.0	P1100	14	800 (3.56)
			P2000	16	600 (2.67)
P2514	12	261	P1000	12	600 (2.67)
	304.8	118.4	P1100	14	400 (1.78)
			P2000	16	300 (1.33)
P2515	18	361	P1000	12	400 (1.78)
	457.2	163.7	P1100	14	270 (1.20)
			P2000	16	200 (.89)
P2516	24	461	P1000	12	300 (1.33)
	609.6	209.1	P1100	14	200 (.89)
			P2000	16	150 (.67)

P2513A THRU P2516A



When installed in inverted position use 60% of loads shown.

Safety Factor 2½

Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kN)
P2513A	6	161	P1000	12	1,200 (5.34)
	152.4	73.0	P1100	14	800 (3.56)
			P2000	16	600 (2.67)
P2514A	12	261	P1000	12	600 (2.67)
	304.8	118.4	P1100	14	400 (1.78)
			P2000	16	300 (1.33)
P2515A	18	361	P1000	12	400 (1.78)
	457.2	163.7	P1100	14	270 (1.20)
			P2000	16	200 (.89)
P2516A	24	461	P1000	12	300 (1.33)
	609.6	209.1	P1100	14	200 (.89)
			P2000	16	150 (.67)

Standard Dimensions for 1½" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1 1/8" (47.6mm); Width: 1 1/2" (41.3mm); Thickness: 1/4" (6.4mm)



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

Electrical Fittings

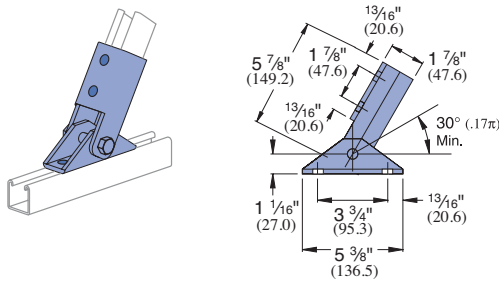
Concrete Inserts

Solar

Unipier®

P2815

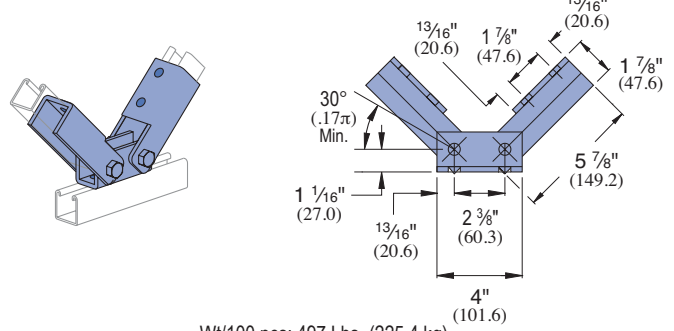
ADJUSTABLE BRACE FITTING **EG GR**



Wt/100 pcs: 307 Lbs (139.3 kg)

P2815D

ADJUSTABLE BRACE FITTING

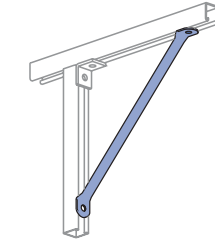
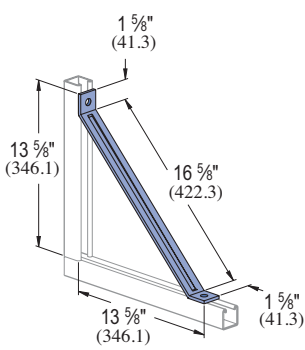


Wt/100 pcs: 497 Lbs (225.4 kg)

P2452 KNEE BRACE **EG GR**

P2458-18 THRU P2458-36

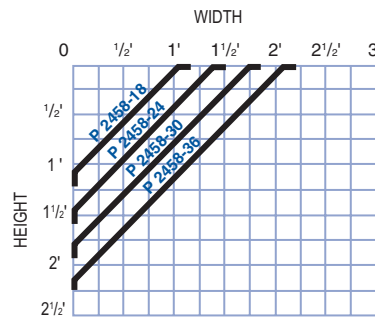
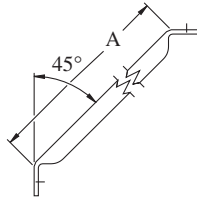
TUBULAR KNEE BRACES



Design Axial Load
1200 Lbs (5.34 kN)

Material: 1/4" (6.4) thick steel.

Wt/100 pcs: 277 Lbs (125.6 kg)

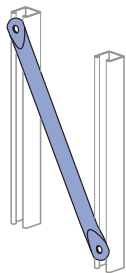


Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P2458-18	18 457.2	146 66.2
P2458-24	24 609.6	186 84.4
P2458-30	30 762.0	227 103.0
P2458-36	36 914.4	267 121.1

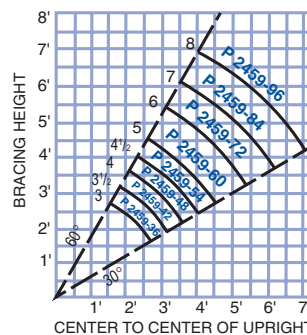
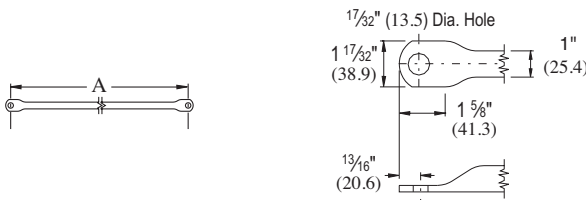
Design Loads
Compression = 1500 Lbs (6.67 kN)
Tension = 300 Lbs (1.33 kN)

P2459-36 THRU P2459-96

TUBULAR BACK BRACES **EG GR**



1. The vertical lines of the graph correspond to the center to center line dimension of the uprights.
2. Along this vertical line locate the (maximum usable) horizontal bracing height line.
3. The arc line that intersects the point formed by the intersection of the two lines, indicates the brace required.
4. 30° - 60° maximum, minimum brace angles are indicated for maximum effect.

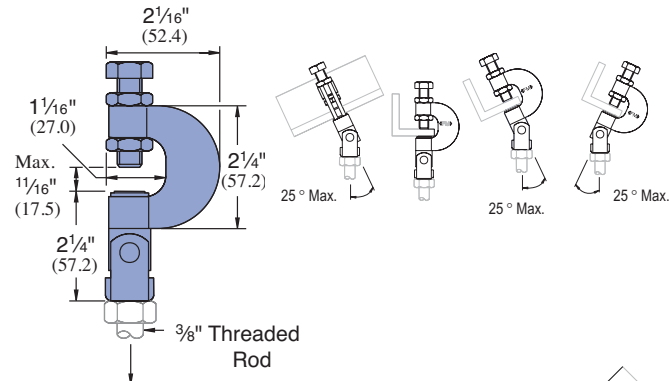


Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P2459-36	36 914.4	255 115.7
P2459-42	42 1,066.8	296 134.3
P2459-48	48 1,219.2	336 152.4
P2459-54	54 1,371.6	377 171.0
P2459-60	60 1,524.0	418 189.6
P2459-66	66 1,676.4	459 208.2
P2459-72	72 1,828.8	499 226.3
P2459-78	78 1,981.2	540 244.8
P2459-84	84 2,133.6	580 263.1
P2459-90	90 2,286.0	621 281.6
P2459-96	96 2,438.4	661 299.8

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 1/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

P2897

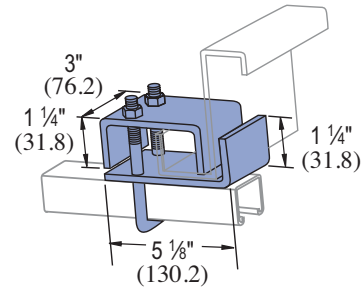


Design Load (Safety Factor of 4)
 (angles ≤ 25°) - 550 Lbs (2.45 kN)
 (angles > 25°) - 330 Lbs (1.47 kN)

Safety Factor 4
 Torque: 13 Ft-Lbs (18 N·m)

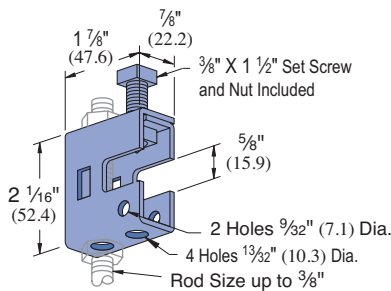
Wt/100 pcs: 33 Lbs (15.0 kg)

P2784



Part Number	For Use With	Load Lbs (kN)	Wt/100 pcs Lbs (kg)
P2784-1	P1000, P1100, P2000	1,200	175
		5.34	79.3
P2784-2	P1001, P1101, P2001	1,200	179
		5.34	81.1
P2784-3	P5001, P5501	1,200	180
		5.34	81.5

P2675

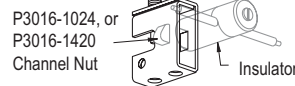


Design Load
 250 Lbs (1.11 kN)

Design Load
 150 Lbs (.67 kN)

Clamp Materials: .105" (2.7) thick steel.
 Clamp P2675 is designed for light duty rod suspension.
 It also may be used with P3016-1024 or P3016-1420 nut as illustrated above for mounting insulators, etc.

Wt/100 pcs: 33 Lbs (15.0 kg)



P8000, P8001 – JUNIOR DUCTILE IRON TOP BEAM CLAMP

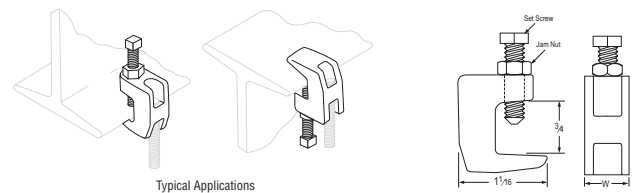
Material: 3/8" and 1/2" rod sizes
Finish: Plain (PL) and Electro-Galvanized (EG)
Function: Structural attachment to top or bottom of metal beams, purlins, channel, or angle iron

Features:
 • Set screw made of hardened steel
 • Complies with Federal Specification A-A192A (Type 19) and MSS SP-69 (Type 19)



Part No. Plain & EG	Rod Size	Max Load Top Lbs*	Max Load Bottom Lbs*	Weight Lbs	W
P8000	3/8	500	250	0.33	7/8
P8001	1/2	950	760	0.34	1 1/16

NOTE: *Max load may exceed allowable load for threaded rod size shown.

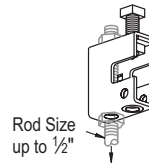
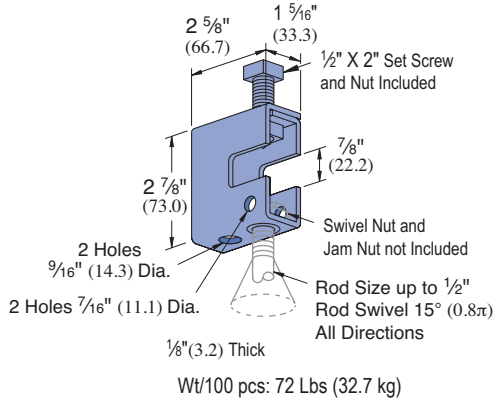


Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.



EG GR

P2676



Design Load
300 Lbs (1.33 kN)



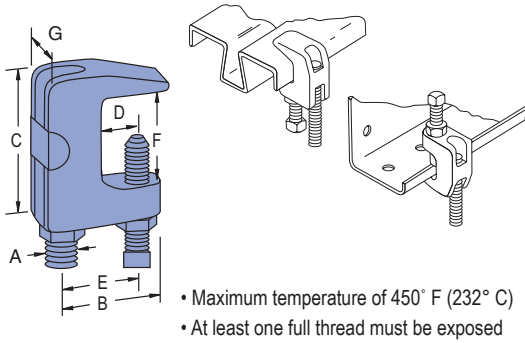
Design Load
500 Lbs (2.22 kN)

Clamp P2676 provides a means of rod suspension where a free swing of up to 15° (0.8π) is required. Clamp will accommodate 1/4" (6.4), 3/8" (9.5), or 1/2" (12.7) rods. Order swivel nuts P2679-4, -6, or -8 as required. Clamp may also be used with P2677 as illustrated in application drawings.

Clamp Materials: 1/8" (3.2) thick steel. Not available in SS or ST.

P2898

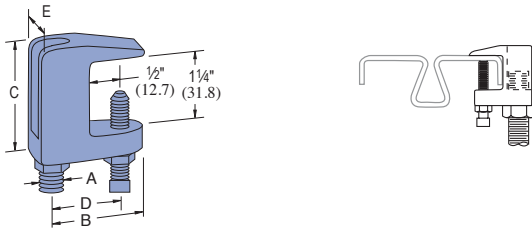
UNIVERSAL BEAM CLAMP EG



	A In	B In (mm)	C In (mm)	D In (mm)	E In (mm)	F In (mm)	G In (mm)	Max Load Lbs (kN)	Wt/100 pcs Lbs (kg)
P2898-37	3/8	1	1 1/2	1/2	1	3/4	7/8	400 1.78	33 15.0
P2898-50	1/2	1 5/16	1 1/2	1/2	1	3/4	7/8	500 2.22	33 15.0
P2898-62	5/8	1 1/2	1 1/2	1/2	1	3/4	1	600 2.67	22 10.0
P2898-75	3/4	1 7/8	1 3/4	5/8	1 1/8	1	1 1/4	800 3.56	88 40.0
P2898-87	7/8	2	1 3/4	5/8	1 1/2	1	1 1/4	1,200 5.34	79 35.9

P2899

WIDE THROAT BEAM CLAMP EG

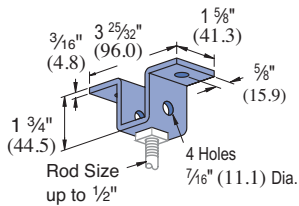


• Maximum temperature of 450° F (232° C)

	Rod Size					Max. Load Lbs (kN)	Wt/100 pcs Lbs (kg)
	A in	B In (mm)	C In (mm)	D In (mm)	E In (mm)		
P2899-37	3/8	1 1/2	2	1	7/8	400 1.78	28 12.7
P2899-50	1/2	1 5/8	2	1	7/8	500 2.22	34 15.4
P2899-62	5/8	1 3/4	2 1/4	1 1/4	1	600 2.67	66 30.0
P2899-75	3/4	1 7/8	2 3/8	1 3/8	1 1/4	800 3.56	83 37.7

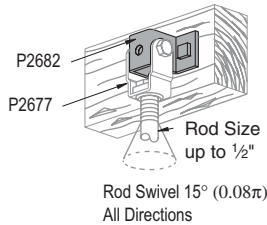
P2682

EG



Hanger clevis for up to 1/2" (12.7) rod suspension from wood ceilings. May also be used with P2677 as illustrated in application drawings.

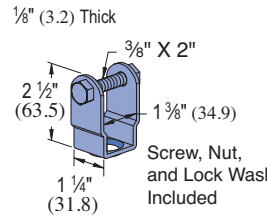
Wt/100 pcs: 55 Lbs (24.9 kg)



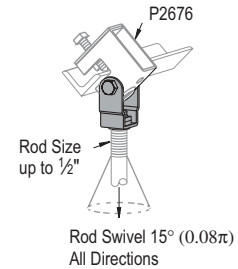
Rod Swivel 15° (0.08π)
All Directions

P2677

EG



Screw, Nut,
and Lock Wash
Included



Rod Swivel 15° (0.08π)
All Directions

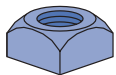
Clevis hanger to be used with P2676 or P2682 to provide angle adjustment and 15° (0.08 π) free swing for up to 1/2" (12.7) rod suspension. Order swivel nuts P2679-4, -6, or -8 as required.

Design Load
500 Lbs (2.22 kN)

Wt/100 pcs: 30 Lbs (13.6 kg)

P2679-4, -6 & -8

SWIVEL NUT EG



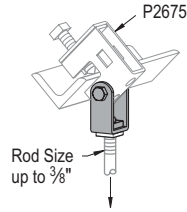
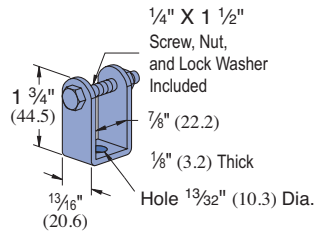
• Use w/P2676 and P2677.
• Order size as required.

Part No.	Thread Size	Wt/100 pcs Lbs (kg)
P2679-4	1/4"-20	4 (1.8)
P2679-6	3/8"-16	5 (2.3)
P2679-8	1/2"-13	6 (2.7)

Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.

P2674

EG GR



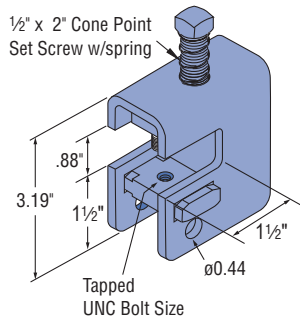
Clevis hanger to be used with P2675 to provide angle adjustment for up to 3/8" rod suspension as illustrated.

Design Load
250 Lbs (1.11 kN)

Wt/100 pcs: 17 Lbs (7.7 kg)

P1640

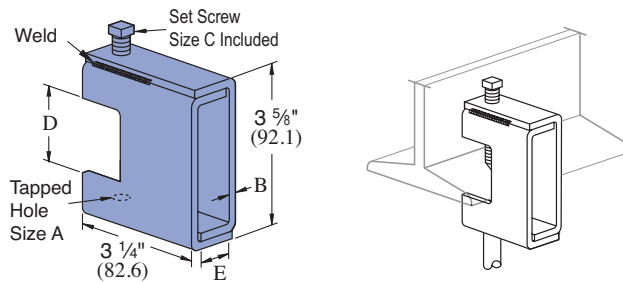
EG GR



Part Number	Thread Size
P1640-025	1/4"-20
P1640-037	3/8"-16
P1640-050	1/2"-13

P2398S, P2401S, P2403S, P2405S

EG GR



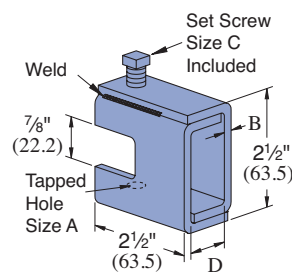
Weld is not continuous it is either 1 1/4" (31.8) - 1 3/4" (44) long or 2 spot welds. All welds are on the top and bottom.

For beams between 3/4" (19.1) to 1 5/8" (41.3) thick flanges.

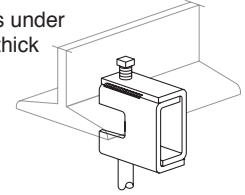
Part Number	"A" In	"B" In (mm)	"C" In	"D" In (mm)	"E" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kN)
P2398S	1/4 - 20	3.2	3/8 x 2	1 1/2	7/8	109	800
P2401S	3/8 - 16	4.8	1/2 x 2	1 1/4	29/32	156	1,300
P2403S	1/2 - 13	6.4	1/2 x 2	1 1/4	15/16	201	1,900
P2405S	5/8 - 11	7.9	5/8 x 2	1 1/4	15/16	311	2,400

P1648S THRU P1653S

EG GR



For beams under 7/8" (22.2) thick flange.

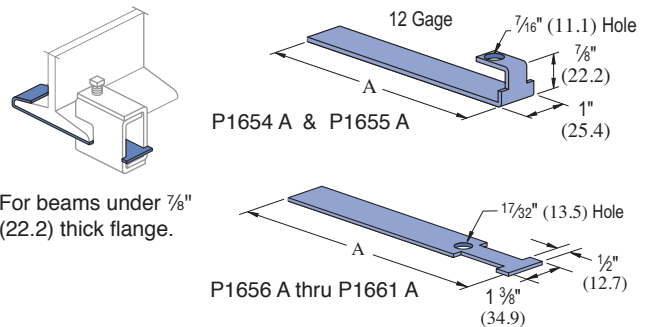


Weld is not continuous it is either 1 1/4" (31.8) - 1 3/4" (44.5) long or 2 spot welds. All welds are on the top and bottom.

Part Number	"A" In	"B" In (mm)	"C" In	"D" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kN)
P1648S	1/4 - 20	3.2	3/8 x 1 1/2	7/8	67	650
P1649S	5/16 - 18	3.2	3/8 x 1 1/2	7/8	67	650
P1650S	3/8 - 16	4.8	1/2 x 1 1/2	15/16	100	1,100
P1651S	1/2 - 13	6.4	1/2 x 1 1/2	15/16	130	1,600
P1652S	5/8 - 11	7.9	5/8 x 1 1/2	15/16	160	2,400
P1653S	3/4 - 10	7.9	5/8 x 1 1/2	15/16	160	2,400

P1654A THRU P1661A

RETAINER STRAP EG GR



For beams under 7/8" (22.2) thick flange.

Strap Part Number	Flange Width In (mm)	"A" In (mm)	Wt/100 pcs Lbs (kg)	Beam Clamp Used With
P1654 A	6 152.4	7 177.8	25 11.3	P2675
P1655 A	9 228.6	10 254.0	34 15.4	P2675
P1656 A	6 152.4	9 228.6	35 15.9	P1648 S Thru P1651 S, P2398S, P2401S & P2403S
P1657 A	9 228.6	12 304.8	47 21.3	
P1658 A	12 304.8	15 381.0	59 26.8	
P1659 A	6 152.4	9 228.6	33 15.0	P2676
P1660 A	9 228.6	12 304.8	45 20.4	P2676
P1661 A	12 304.8	15 381.0	57 25.9	P2676

Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.



1 1/8" Channel

Telestrut

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

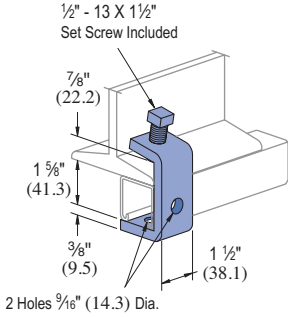
Electrical Fittings

Concrete Inserts

Solar

Unipier®

P1271S DF, EG, GR, HG

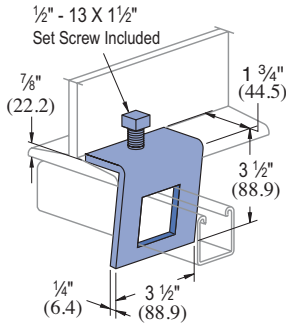


Note: Requires P1010 Channel Nut and bolt.

Design Load Each
500 Lbs (2.22 kN)
Use in Pairs Only

Wt/100 pcs: 95 Lbs (43.1 kg)

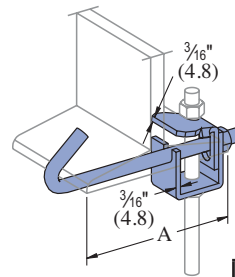
P1796S EG GR HG



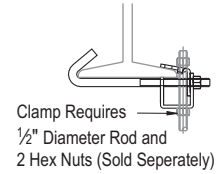
Design Load Each
500 Lbs (2.22 kN)
Use in Pairs Only

Wt/100 pcs: 91 Lbs (41.3 kg)

P2824-6,-9,-12 EG GR HG

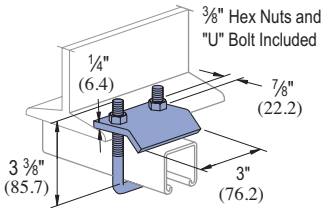


For use with Beams up to 3/4" (19.1) max flange thickness



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kN)
P2824-6	2 1/2 - 6	125	500
	63.5 - 152.4	56.7	2.22
P2824-9	5 1/2 - 9	140	500
	139.7 - 228.6	63.5	2.22
P2824-12	8 1/2 - 12	171	500
	215.9 - 304.8	77.6	2.22

P2785 DF, EG, GR, HG

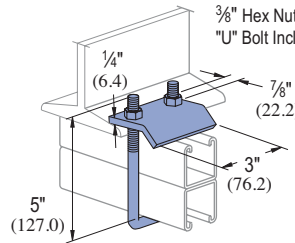


• For use with Beams up to 3/4" (19.1) Flanges and with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

Design Load Each
1000 Lbs (4.45 kN)
Use in Pairs Only

Wt/100 pcs: 83 Lbs (37.6 kg)

P2786 DF, EG, GR, HG

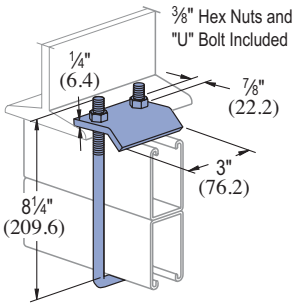


• For use with Beams up to 3/4" (19.1) Flanges and with Channels P1001, P1101, P2001, P3001, P5000, and P5500.

Design Load Each
1000 Lbs (4.45 kN)
Use in Pairs Only

Wt/100 pcs: 92 Lbs (41.7 kg)

P2787 DF, EG, HG

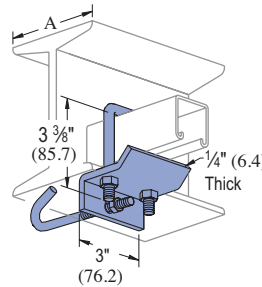


• For use with Beams up to 3/4" (19.1) Flanges and with Channels P5001 and P5501.

Design Load Each
1000 Lbs (4.45 kN)
Use in Pairs Only

Wt/100 pcs: 112 Lbs (50.8 kg)

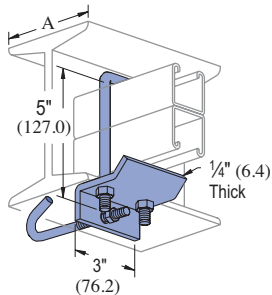
P2867 EG GR HG



Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2867	4"-6"	142 (64.4)
P2867-9	6"-9"	151 (68.5)
P2867-12	9"-12"	160 (72.6)
P2867-15	12"-15"	170 (77.1)
P2867-18	15"-18"	179 (81.2)

• Includes: "J" Bolt, "U" Bolt and Hex Nuts.
• For use with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

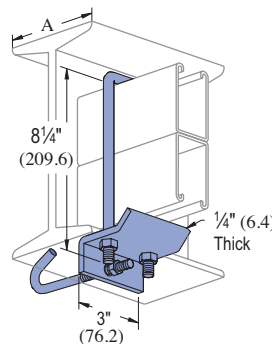
P2867A EG GR HG



Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2867A	4"-6"	151 (68.5)
P2867A-9	6"-9"	157 (71.2)
P2867A-12	9"-12"	166 (75.3)
P2867A-15	12"-15"	176 (79.8)
P2867A-18	15"-18"	185 (83.9)

• Includes: "J" Bolt, "U" Bolt and Hex Nuts.
• For use with Channel P1001, P1101, P2001, P3001, P5000, and P5500.

P2867B EG GR HG



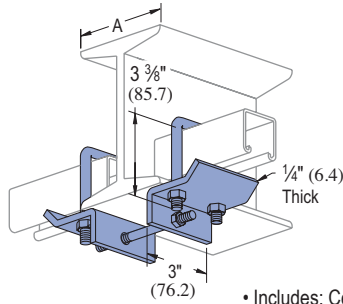
Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2867B	4"-6"	161 (73.0)
P2867B-9	6"-9"	167 (75.7)
P2867B-12	9"-12"	176 (79.8)
P2867B-15	12"-15"	186 (84.4)
P2867B-18	15"-18"	195 (88.5)

• Includes: "J" Bolt, "U" Bolt and Hex Nuts.
• For use with Channel P5001, and P5501.

Note: When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.

P2868

EG GR HG

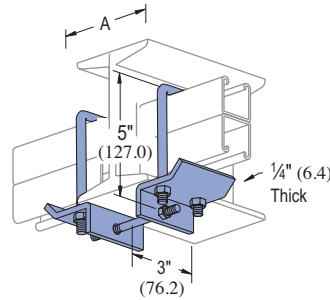


Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2868	4"-6"	282 (127.9)
P2868-9	6"-9"	289 (131.1)
P2868-12	9"-12"	296 (134.3)
P2868-15	12"-15"	304 (137.9)
P2868-18	15"-18"	311 (141.1)

- Includes: Center Rod, "U" Bolts and Hex Nuts.
- For use with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

P2868A

EG GR HG

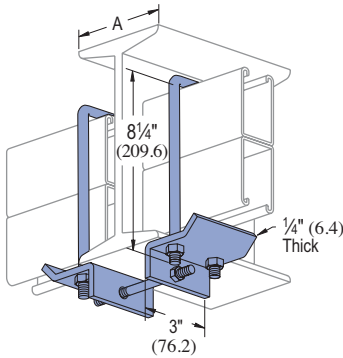


Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2868A	4"-6"	300 (136.1)
P2868A-9	6"-9"	307 (139.3)
P2868A-12	9"-12"	314 (142.2)
P2868A-15	12"-15"	322 (146.1)
P2868A-18	15"-18"	329 (149.2)

- Includes: Center Rod, "U" Bolts and Hex Nuts.
- For use with Channels P1001, P1101, P2001, P3001, P5000, and P5500.

P2868B

EG GR HG

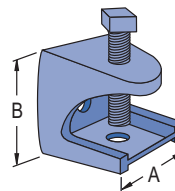


Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2868B	4"-6"	320 (145.1)
P2868B-9	6"-9"	327 (148.3)
P2868B-12	9"-12"	334 (151.5)
P2868B-15	12"-15"	342 (155.1)
P2868B-18	15"-18"	349 (153.3)

- Includes: Center Rod, "U" Bolts and Hex Nuts.
- For use with Channels P5001, and P5501.

P2894

EG

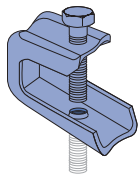


Material: Malleable Iron
 7/8" Maximum Flange Thickness
 Note: Tapped Hole on Top and Bottom

Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kN)	Wt/100 pcs Lbs (kg)
P2894-25	1/4	1 1/8	1 1/4	150	23
		28.6	31.8	.67	10.4
P2894-37	3/8	2	2	350	95
		50.8	50.8	1.56	43.1
P2894-50	1/2	2 5/8	2 1/2	400	195
		66.7	63.5	1.78	88.5

P2893

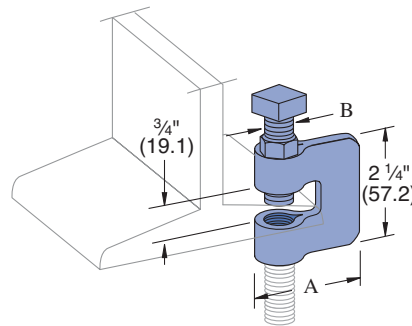
EG



Material: Steel
 Use With: 1/4" rod
 Load Rating: 75 lbs. (.33 kN)

Wt/100 pcs: 14 lbs. (6.4 kg)

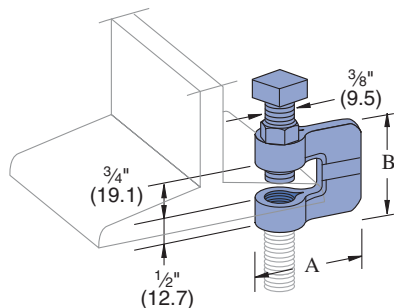
P2895



Material: Steel

Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kN)	Wt/100 pcs Lbs (kg)
P2895-37	3/8	2 5/16	3/8	330	35
		58.7	9.5	1.47	15.9
P2895-50	1/2	2 1/4	1/2	380	41
		57.2	12.7	1.69	18.6
P2895-62	5/8	2 3/8	5/8	450	67
		60.3	15.9	2.00	30.4
P2895-75	3/4	2 1/4	1/2	500	72
		57.2	12.7	2.22	32.7

P2896



Material: Malleable Iron,
 Steel Set Screw

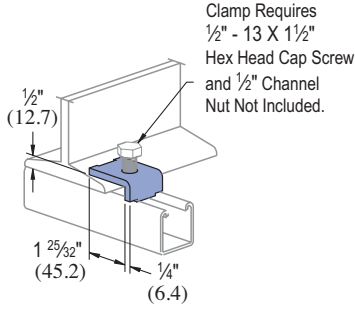
Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kN)	Wt/100 pcs Lbs (kg)
P2896-37	3/8	1 11/16	1 1/4	400	38
		42.9	44.5	1.78	17.2
P2896-50	1/2	1 23/32	1 3/4	400	52
		43.7	44.5	1.78	23.6
P2896-62	5/8	1 5/16	2	450	68
		49.2	50.8	2.00	30.8
P2896-75	3/4	2 1/32	2	600	128
		51.6	50.8	2.67	58.1

Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.



P1386

DF, EG, GR, HG

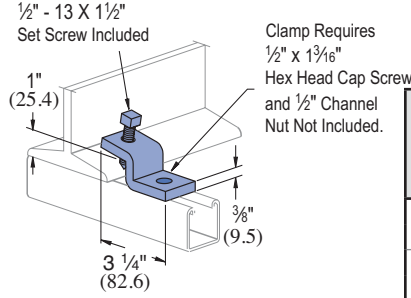


Channel Style	Design Load Each (Use in Pairs Only) Lbs (kN)
P1000	600 2.67
P1100	500 2.22
P2000	450 2.00

Wt/100 pcs: 27 Lbs (12.2 kg)

P1379S

EG GR HG

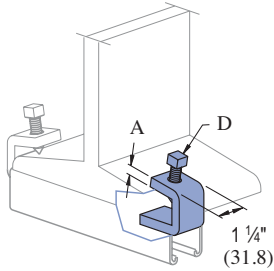


Channel Style	Design Load Each (Use in Pairs Only) Lbs (kN)
P1000	600 2.67
P1100	500 2.22
P2000	450 2.00

Wt/100 pcs: 75 Lbs (34.0kg)

P1272S, P1985S, P1986S

EG GR HG

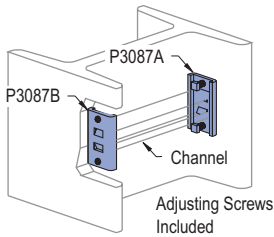


Part Number	"A" In (mm)	Flange Thickness In (mm)	"D" Set Screw Included	Wt/100 pcs Lbs (kg)	Design Load Per Pair (Use in Pairs Only) Lbs (kN)
P1272S	1/4 6.4	Up to 3/4 Up to 19.1	3/8-16 x 1 1/2	39 17.7	450 2.00
P1985S	3/8 9.5	Up to 3/4 Up to 19.1	1/2-13 x 1 1/2	62 28.1	1,000 4.45
P1986S	3/8 9.5	7/8 to 2 22.2 - 50.8	1/2-13 x 1 1/2	74 33.6	900 4.00

P3087

COLUMN INSERT

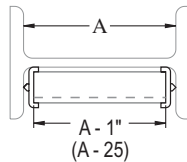
EG



Channel Part Number	Design Pull Out Load Lbs (kN)	Design Slip Load Lbs (kN)
P1000	1,000 4.45	800 3.56
P1100	700 3.34	500 2.22
P2000	500 2.22	300 1.33

Safety factor of 3.

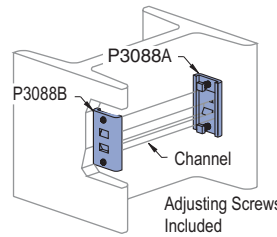
- Adjusting Screws Included.
- Unistrut channel not included.
- Part number P3087 consists of:
 - (1) piece P3087A,
 - (1) piece P3087B and
 - (2) set screws, 3/8" Dia.



Wt/100 pcs: 136 Lbs (61.7 kg)

P3088

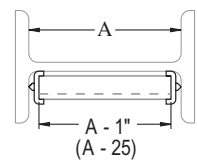
COLUMN INSERT



Channel Part Number	Design Pull Out Load Lbs (kN)	Design Slip Load Lbs (kN)
P3300	1,000 4.45	800 3.56
P4100	700 3.11	500 2.22
P4000	500 2.22	300 1.33

Safety factor of 3.

- Adjusting Screws Included.
- Unistrut channel not included.
- Part number P3088 consists of:
 - (1) piece P3088A,
 - (1) piece P3088B and
 - (2) set screws, 3/8" Dia.

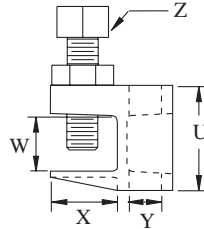
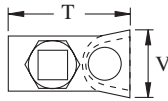
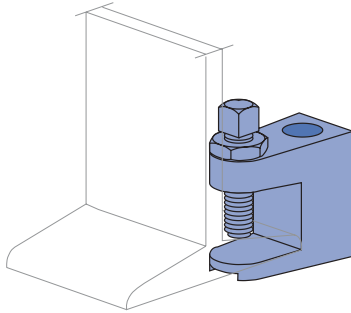


Wt/100 pcs: 120 Lbs (54.4 kg)

Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.

PFL050T

FLANGE CLAMP



Material: Malleable Iron.

Cup point set screw and lock nut included.

Set Screw Torque = 6 Ft-Lb
Lock Nut Torque = 16 Ft-Lb

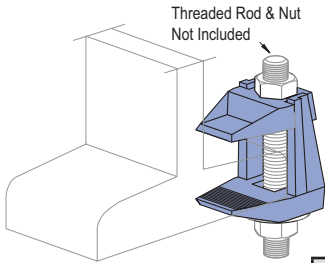
Safety Factor: 4

Part Number	Type of Hole	Rod Size	"Z" Set Screw Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kN)
PFL050	Clear	1/2"	3/8"	40 (18.1)	700 (3.11)
PFL050T	Tapped	1/2"	3/8"	40 (18.1)	700 (3.11)

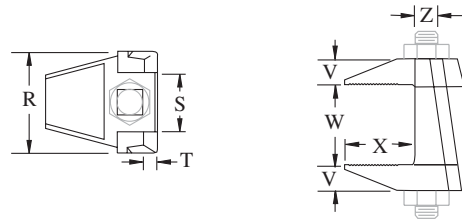
Part Number	Dimensions					
	"T" In (mm)	"U" In (mm)	"V" In (mm)	"W" In (mm)	"X" In (mm)	"Y" In (mm)
PFL050	2	1 23/32	1	29/32	1 1/32	9/16
	50.8	43.7	25.4	23.0	27.8	14.3
PFL050T	2	1 23/32	1	29/32	1 1/32	1/2 Tapped Hole
	50.8	43.7	25.4	23.0	27.8	

PLF3075

FLANGE CLAMP



Threaded Rod & Nut Not Included



Safety Factor: 4

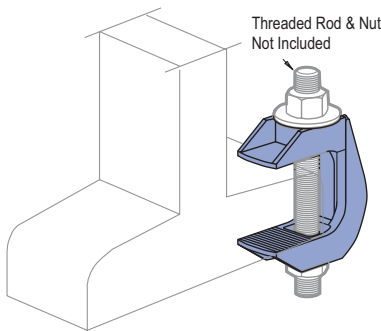
Material: Malleable Iron.

Part Number	Rod Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kN)	Torque Ft-Lbs
PLF3050	1/2"	91	450	29
		41	2.00	
PLF3062	5/8"	186	900	69
		84	4.00	
PLF3075	3/4"	334	1,350	130
		152	6.01	

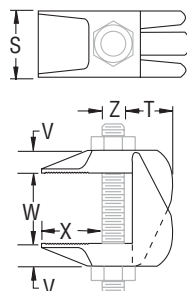
Part Number	Dimensions					
	"X" In (mm)	"W" In (mm)	"V" In (mm)	"T" In (mm)	"R" In (mm)	"S" In (mm)
PLF3050	1 3/8	0 - 1 1/16	1/2	1 1/32	1 15/16	1 1/32
	34.9	0 - 39.7	12.7	8.7	49.2	29.4
PLF3062	1 13/16	0 - 2 3/16	5/8	1/2	2 11/32	1 1/16
	46.0	0 - 55.6	15.9	12.7	59.5	36.5
PLF3075	2 3/16	0 - 1 3/4	3/4	5/8	3	1 3/4
	55.6	0 - 44.5	19.1	15.9	76.2	44.5

PLF9037 THRU PLF9100

FLANGE CLAMP



Threaded Rod & Nut Not Included



Part Number	Rod Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kN)	Torque Ft-Lbs	Dimensions					
					"X" In (mm)	"W" In (mm)	"V" In (mm)	"T" In (mm)	"S" In (mm)	
PLF9037	3/8"	55	440	15	1	3/4 - 1 1/16	1/2	3/4	1	
		24.9	1.96		25.4	19.1 - 42.9	12.7	19.1	25.4	
PLF9050	1/2"	122	630	29	1 1/8	1 - 2 3/8	2 1/32	1 5/16	1 3/16	
		55.3	2.80		34.9	25.4 - 60.3	16.7	23.8	30.2	
PLF9062	5/8"	200	1,260	69	1 11/16	1 1/8 - 2 1/4	1 3/16	1 1/8	1 3/8	
		90.7	5.60		42.9	28.6 - 69.9	20.6	28.6	34.9	
PLF9075	3/4"	367	1,880	131	2	1 1/4 - 3 1/4	1	1 3/8	1 3/4	
		166.5	8.36		50.8	31.8 - 82.6	25.4	34.9	44.5	
PLF9100	1"	1,101	3,150	173	3	1 3/4 - 3 3/4	1 1/2	2 3/16	2 1/2	
		499.4	14.01		76.2	44.9 - 95.3	38.1	55.6	63.5	

Material: Malleable Iron.

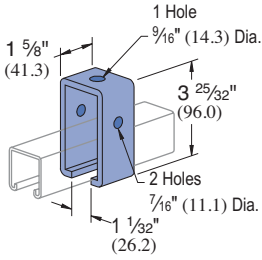
Safety Factor: 4

Note: When used for mechanical supports, load capacities of brackets, fittings and other supporting elements should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the factory for availability.



P1834

CHANNEL TROLLEY SUPPORT



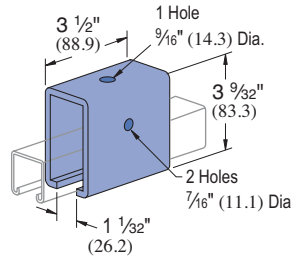
Requires 3/8" x 2 1/2" Bolt and 3/8" Nut (not included)

Design Load	
1200 Lbs	(5.34 kN)

Wt/100 pcs: 102 Lbs (46.3 kg)

P1834A

CHANNEL TROLLEY SUPPORT

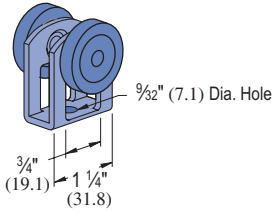


Requires 3/8" x 2 1/2" Bolt and 3/8" Nut (not included)

Design Load	
2500 Lbs	(11.12 kN)

Wt/100 pcs: 220 Lbs (99.8 kg)

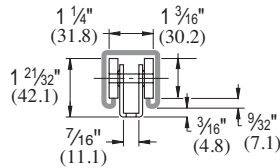
P2749, P2749N†



Clevis Material: 12 gauge.

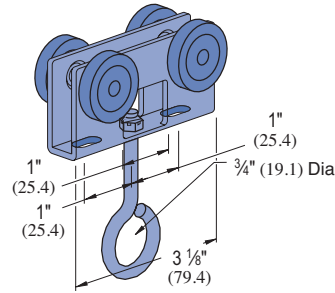
*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.



Part Number	Design Load Lbs (kN)	Wt/100 pcs Lbs (kg)
P2749	50 .22	21 9.5
P2749N	10 .04	13 5.9

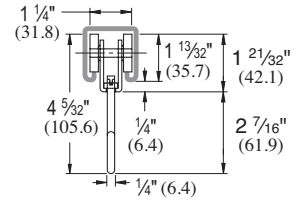
P2751, P2751 N†



Clevis Material: 12 gauge.

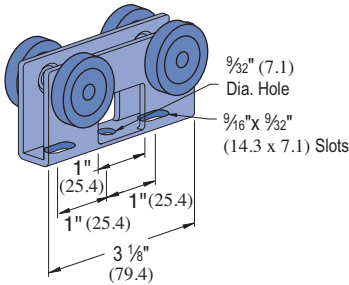
*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.



Part Number	Design Load Lbs (kN)	Wt/100 pcs Lbs (kg)
P2751	100 .44	63 28.6
P2751N	20 .09	40 18.1

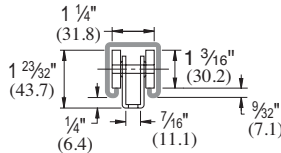
P2750, P2750N†



Clevis Material: 12 gauge.

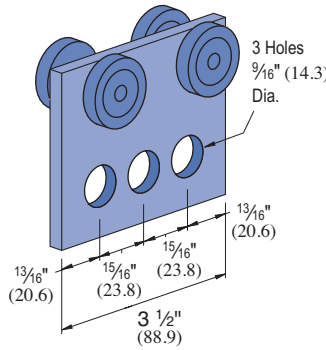
*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.

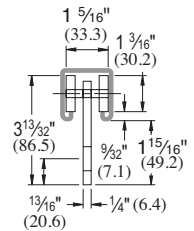


Part Number	Design Load Lbs (kN)	Wt/100 pcs Lbs (kg)
P2750	100 .44	55 24.9
P2750N	20 .09	32 14.5

P2950

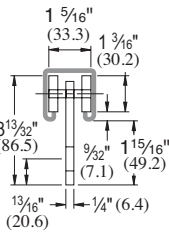
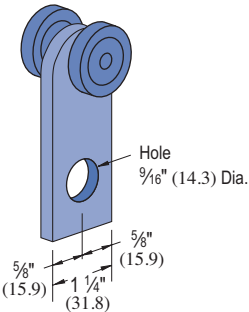


Wheel bearings are stainless steel. Do not lubricate.



Design Load In P1000		
FPM	RPM	Lbs (kN)
180	600	300 1.33
90	300	450 2.00
30	100	600 2.67

P2949



Design Load In P1000		
FPM	RPM	Lbs (kN)
180	600	150 .67
90	300	225 1.00
30	100	437 1.94

Wheel bearings are stainless steel. Do not lubricate.

Wt/100 pcs: 46 Lbs (20.9 kg)

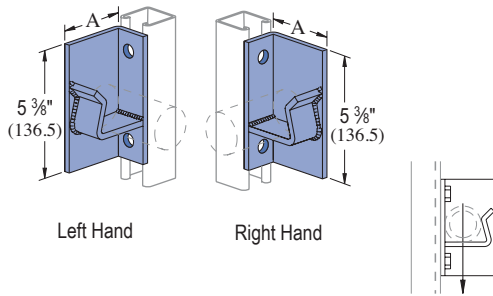
Wt/100 pcs: 110 Lbs (49.9 kg)

Standard Dimensions for 1 1/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 1/8" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 1/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

P2354 R-L, P2355 R-L

REEL RACK SUPPORTS FOR 1¼" & 2" PIPE

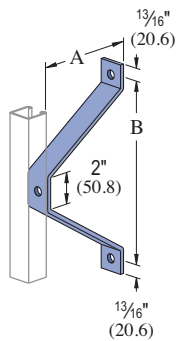


Vertical Channel Part No.	Gauge	Max. Allowable Load Lbs (kN)
P1000	12	3,000 (13.34)
P1100	14	2,000 (8.90)
P2000	16	2,000 (8.90)

Part Number	"A" In (mm)	Std. Pipe Size In (mm)	Wt/100 pcs Lbs (kg)
P2354 R-L	3	1¼	220
	76.2	31.8	99.8
P2355 R-L	3¾	2	252
	92.1	50.8	114.3

P1204 THRU P1208

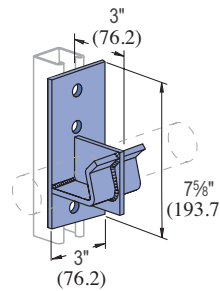
WALL LADDER BRACKET



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1204	2¾	6	113
	60.3	152.4	51.3
P1205	4¾	8	164
	111.1	203.2	74.4
P1206	6¾	10	216
	161.9	254.0	98.0
P1207	8¾	12	267
	212.7	304.8	121.1
P1208	10¾	14	318
	263.5	355.6	144.2

P2454

DOUBLE PIPE AXLE SUPPORT



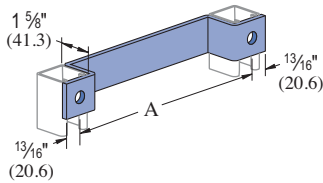
Load Rating 4,000 Lbs (17.79 kN)

For 1¼" (31.8) Standard Pipe

Wt/100 pcs: 310 Lbs (140.6 kg)

P1201, P1202, P1203

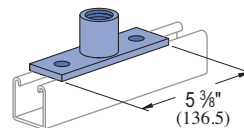
LADDER RUNG



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1201	12	186
	304.8	84.4
P1202	15	221
	381.0	100.2
P1203	18	254
	457.2	115.2

P2470-50, -75, -100

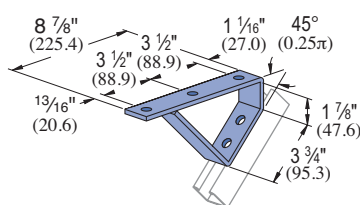
PIPE COUPLING FITTING



Pipe Coupling		
Part Number	Size In	Wt/100 pcs Lbs (kg)
P2470-50	½	77 (34.9)
P2470-75	¾	93 (42.2)
P2470-100	1	103 (46.7)

P1944

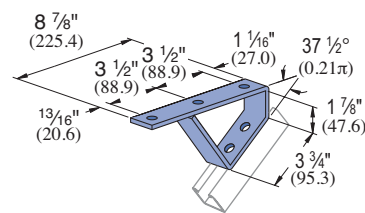
45° (.25π) STAIR TREAD SUPPORT



Wt/100 pcs: 220 Lbs (99.8 kg)

P2655

37½° (.21π) STAIR TREAD SUPPORT



Wt/100 pcs: 213 Lbs (96.6 kg)

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8" (41.3mm); Thickness: 1/4" (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45